

FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

RMB

Entered On S R Sheet

7

Copy NID to Field Office

✓

Location Map Pinned

✓

Approval Letter

In Unit

Card Indexed

✓

Disapproval Letter

I W R for State or Fee Land

COMPLETION DATA:

Date Well Completed

7/22/63

Location Inspected

OW

WW

TA

Bond released

GW

✓

OS

PA

State of Fee Land

LOGS FILED

Driller's Log 8-21-63 211-22-65

Electric Logs (No.)

2

E

I

E-I

GR

GR-N

✓

Micro

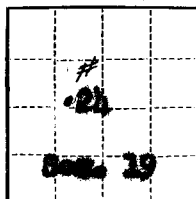
Lat

Mi-L

Sonic

Others

Cement Location Log



166

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYat Bureau No. 42-R358.4.
Form Approved.Land Office **Salt Lake City**Lease No. **206186**Unit **San Arroyo**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 24, 19 63

San Arroyo Unit

Well No. **24** is located **2150** ft. from **[N]** line and **1195** ft. from **[E]** line of sec. **19**

N1/4 Sec 19

166

262

Salt Lake

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

San Arroyo

Ground

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the ~~surface~~ **surface** above sea level is **5550** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill this well with rotary tools to a depth sufficient to test the Morrison Sand. Anticipated Total Depth 5800'.
9-5/8" OD Surface Casing will be set at approximately 325' and cemented from top to bottom. All oil & gas shows encountered while drilling will be tested. 4-1/2" or 5-1/2" casing will be set for oil string with sufficient cement to protect all formations. Well will be logged, perforated, treated if necessary, and completed.
Anticipated formation tops: Upper Dakota - 5150'
Lower Dakota - 5200'
Cedar Mtn. - 5225'
Morrison 5350- 5700'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**Address **601 Denver Club Building****Denver 2, Colorado**By **M. E. Brown****M. E. Brown**Title **Division Chief Clerk**

COMPANY Sinclair Oil & Gas Company

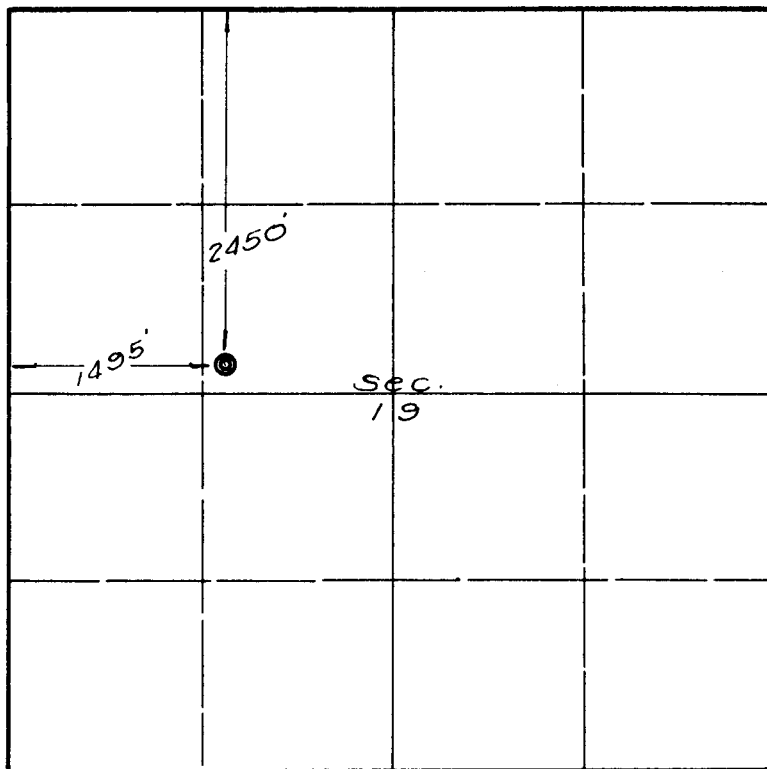
Well Name & No. San Arroyo #24 Lease No. U-06188

Location 2450 feet from the North line and 1495 feet from the West line.

Being in SE 1/4

Sec. 19, T16 ^{SO.} ~~N.~~, R26 ^{EAST} ~~W.~~, ~~N.M.P.M.~~, Salt Lake Meridian, Grand County, Utah.

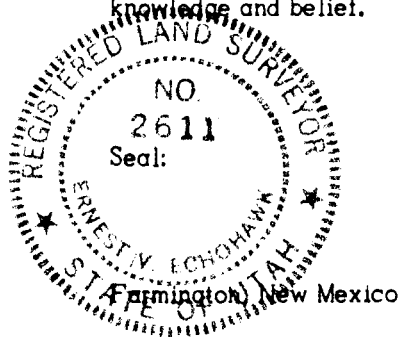
Ground Elevation 6023



Scale, 4" = 1 mile

Surveyed June 14, 19 63

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545
Utah Reg. No. 2611

SCREEN SETTING REPORT

KIND AND NUMBER OF SCRATCHERS USED _____

KIND AND NUMBER OF CENTRALIZERS USED _____

DATE SET

1ST **None** FEET 19

2ND _____ FEET _____ 19 _____

DRILL STEM TESTS

[illegible]

WAS ANY JUNK EQUIPMENT TOOLS OR PIPE LEFT IN HOLE AT COMPLETION OF DRILLING? _____

REMARKS: Drillers: R. T. Morris

Arabic Heritage

A. L. LePlante

PLUGBACK AND PLUGGING RECORD

[illegible]

(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)

APPROVED: _____

DISTRICT SUPERINTENDENT

DIVISION SUPERINTENDENT

ENGINEER - GEOLOGIST

FORMATION	DEPTH TO TOP	SUB SEA ELEV.	FORMATION	DEPTH TO TOP	SUB SEA ELEV.
See Attached Sheet					

AUG 21 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
SALT LAKE CITY
LAND OFFICE _____
LEASE NUMBER _____
UNIT **SAN ARROYO**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **UTAH** County **GRAND** Field **SAN ARROYO**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **JULY**, 19 **63**, **SAN ARROYO UNIT**

Agent's address **601 Denver Club Building** Company **SINCLAIR OIL & GAS COMPANY**

Denver 2, Colorado

Signed **Morris E. Brown**

Phone **AM-hurst 6-2461**

Agent's title **DIVISION CHIEF CLERK**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
MORRISON FORMATION										
SW/4 - Lease #U-0370-A Sec. 22 16S 25E 13			13	30	-	-	18,173	-	-	
NE/4 - Lease ML 4113 Sec. 16 16S 25E 14			14	20	-	-	4,562	-	-	
NW/4 - Lease U-06188 Sec. 19 16S 26E 24			24	-	-	-	-	-	-	Waiting on connection
Spudded 12:30 p.m. 7-9-63. Set 9 5/8" OD Casing @ 356' w/300 sacks cement. Drilled to TD 5039' in Morrison formation, set 4 1/2" OD casing @ 5039' w/300 sacks cement. FB 4996', perforated Morrison formation 4794-4799' & 4812-4815' w/4 ft. Duofrac w/CO ₂ , 30,000 gal acid water, 30,000 Sand w/300,000 SCF CO ₂ w/500 gal HCl Acid ahead of frac. Ran 155 jts 2 3/8" tbg set @ 4780'. 24 Hour Company Completion Test FARG 518 MEFPD, 13/64" choke, 4000 TP, 425# CP from Morrison Perforations 4794-4799' and 4812-4815'. COMPLETED GAS WELL 7-22-63.										

NOTE.—There were **no** runs or sales of oil; **22,735** M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

SAN ABDOVO UNIT NO. 20
2850' FWL, 1495' FWL, Section 19-165-26E
Grand County, Utah

Commenced Drilling: 7-9-63
Completed Drilling: 7-14-63
Elevation: 6023 gr.
Casing: 9-5/8" @ 356' w/300 str.
4-1/2" @ 5039' w/

SAMPLE TOPS: Castlegate ss 810
Mancos sh. 900
Emery ss. 1590
M. Mancos sh. 2340

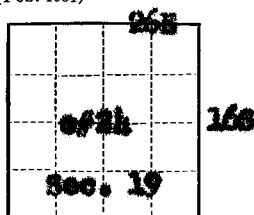
LOG TOPS: Dakota silt 4312
Dakota ss 4424
Cedar Mountain 4520
Morrison 4636

LITHOLOGY:

		360-810, grey, silty shale and fine grained angular sandstone.
Castlegate sandstone		810-900, shale, sandy.
Mancos shale	900-4312	900-1590, shale, dark grey with silty zones.
		1590-2340, sandstone, very fine grained, shaly, thick zones of shaly siltstone.
		2340-4312, shale, dark grey, calcareous, zones of limy shale and thin bedded vitreous dense limestone.
Dakota silt	4312	4312-4424, siltstone to very fine grained sandstone and thin black shale.
Dakota sandstone	4424-4520	4424-4464, sandstone, very fine grained.
		4464-4494, shale, gray with thin very fine grained sands.
		4494-4520, sandstone, fine grained to very fine grained.
Cedar Mountain	4520-4636	4520-4636, shale, pale green, waxy, bentonitic, lower 25' very fine to fine, silty sandstone.
Morrison	4636 to TD	4636-4720, shale pale green to red brown.
		4720-4800, shale, red brown.
		4800 to TD, sandstone, very fine to fine grained, rounded, clay filled, much interbedded red brown to green shale and thin, light grey limestone.

TD - 5039.

Copy H. L. E.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-06188**
Unit **San Arroyo**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Report of Setting Casing.	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROYO UNIT **July 11,** , 19 **63**
Well No. **24** is located **2160** ft. from **{N}** line and **1105** ft. from **{E}** line of sec. **19**
19 (Sec. 19) **16** North **24** East **Salt Lake**
San Arroyo (County or Subdivision) **Utah** (State or Territory)

The elevation of the ~~depth~~ **6023** or above sea level is **6023** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Arapahoe Drilling Company - Contr.

**Spudded 1200 p.m. 7/9/63. Drilled to 356'. Ran 11 joints 9-5/8" OD 32.3# casing
Set at 356', ground meas., Cemented with 300 sacks cement w/ 25 CuCl,
plug down at 5:30 a.m. 7/10/63. WOC 24 hrs. Tested casing at 900' for
30 min.. O.K.**

7/11/63 Drilling ahead at 146'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**
Address **601 Denver Club Building**
Denver 2, Colorado
By **M. E. Brown**
Title **Div. Chief**

26E

	#24	

16S

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake City

Lease No. U-06188

Unit San Arroyo

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Report of setting Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

San Arroyo Unit July 17, 1963

Well No. 24 is located 2450 ft. from [N] line and 1495 ft. from [E] line of sec. 19

NW/4 Sec. 19 16 S 26 E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

San Arroyo Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill floor~~ ^{surface} above sea level is 6023 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7-15-63 Drilled to TD of 5039. TD @ 4:00 PM 7-14-63. Ran 159 joints 4-1/2" OD 10.5# J-55 Casing. Cemented with 300 sacks 50-50 Poxmix, 12-1/2# Gilsonite per sack, Halad 9. PD 7:45 AM 7-15-63.

Tested casing @ 500# for 30 min. Tested OK

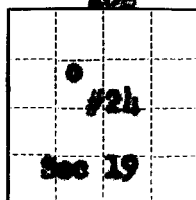
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver, Colorado

By M. E. Brown
M. E. Brown
Title Division Chief Clerk



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4.
Form Approved.Land Office **Salt Lake City**
Lease No. **U-06188**
Unit **San Arroyo**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	XX
NOTICE OF INTENTION TO ABANDON WELL.....	COMPLETION REPORT	XX

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

San Arroyo Unit

July 25, 1963

Well No. **24** is located **2150** ft. from **[N]** line and **1195** ft. from **[W]** line of sec. **19****NW 1/4 Sec. 19** **16 S** **26 E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
San Arroyo **Grand** **Utah**
(Field) (County or Subdivision) (State or Territory)The elevation of the ~~surface~~ **surface** above sea level is **6023** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7-16-63 1996' FB WOC, Ran GR-N & Cent. loc. logs. Top cement 4000'.
7-17-63 1996' FB Perf. Morrison Formation 4794-99' & 4812-15' w/4/ft.
7-18-63 1996' FB Spotted 500 gal acid broke down @ 3000' - 4 BPM, FFT, FARD 800 MCFFD
Dewatered w/30,000 gal acid water, 30,000' sd, 300,000 SCF @, pumped in @ 3300', HP 3700', 26 BPM, Job complete 6:30 AM 7-18-63.
7-19-63 1996' FB FFT, FARD 2000 MCFFD 2" open line
7-20-63 1996' FB FFT, FARD 1168 MCFFD 2" open line, FARD 518 MCFFD 13/64" choke,
7-21-63 1996' FB Ran 155 jts 2-3/8" OD tbg. set @ 4780', FFT, FARD 1000 MCFFD, 2" open line
7-22-63 1996' FB 24 hr. company completion test FARD 518 MCFFD, 13/64" choke, 400' TP, 125' CP. Rig released 4 PM 7-21-63.
COMPLETED GAS WELL 7-22-63

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**Address **601 Denver Club Building****Denver, Colorado**

By

Title **H. E. Brown**
Division Chief Clerk

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE MANNER
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-06128

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

San Arroyo Unit

8. FARM OR LEASE NAME

San Arroyo Unit

9. WELL NO.

24

10. FIELD AND POOL, OR WILDCAT

San Arroyo Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10-16-26T NW

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Hickair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1801 Lincoln Street, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface2150' from North line and 1105' from West line of
Section 10-16-26T

14. PERMIT NO.

-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6023 (ground level)

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Plug back

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF :

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well is producing only 50 GPPD from Morrison perforations 1794-99' and 1812-15'. The well was frac treated prior to completion, and additional stimulation would not benefit the Morrison formation. The present production makes the well uneconomical to produce in the Morrison, and it is proposed to plug back and attempt completion in the Dakota.

It is proposed to set bridging plug, perforate Dakota formation, frac if necessary, and complete.

Anticipate commencing operations as soon as approval is received.

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSIONDATE 9-24-65 by W. M. Pendall
Chief Petroleum Engineer

18. I hereby certify that the foregoing is true and correct

SIGNED M. E. BrownTITLE Chief Office ClerkDATE Sept. 23, 1965

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR. ☒ Other _____

2. NAME OF OPERATOR

Simpair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Building, 1860 Lincoln St., Denver, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2150' f/North line and 1195' f/West line of
At top prod. interval reported below Section 19-16S-26E.

At total depth

Same

Same

14. PERMIT NO.

DATE ISSUED

G.F. Brown

9/27/65 (USGS)

9/21/65 (Utah)

12. COUNTY OR PARISH

13. STATE

Grand

Utah

15. DATE SPUNDED

16. DATE T.D. REACHED

17. DATE COMPLETED (Mod.)

18. NAME OF WELL

Grand

19. ELEV. HEAD

Comm. 11/9/65

20. TOTAL DEPTH, MD & TVD

11/11/65

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPLETIONS, HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

6023' (Same)

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

Dakota - 1124' to 1520'

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

None additional run

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.30#	356'	12-1/4"	300 sx.	
1-1/2"	10.50#	5039'	8-3/4"	300 sx.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	None CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	None CEMENT SET (MD)
					2-3/8"	1189'	

31. PERFORATION RECORD (Interval, size and number)

Dakota SS - 1158-1161' w/1/4".
1199-1505' w/1/4".

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
---------------------	----------------------------------

1158-61, 1199-1505 500 gal 15% HCl
1158-61, 1199-1505 Frac w/30,000# sd, 30,000 gal wtr
w/300,000 SCF CO₂, 150# J-81 and
600# J-133

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

11/11/65 HOURS TESTED Flow thru tubing FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. Producing

11/18/65 5 hrs 30/61" 2200 MCFPD OIL GRAVITY-API (CORR.)

296# 600# 2200 MCFPD TEST WITNESSED BY

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

(15 hr SITP 830#, SICP 850#)

35. LIST OF ATTACHEMENTS

Chronological report on back

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

M.E. Brown

TITLE

Chief Office Clerk

DATE

Nov. 19, 1965

M.E. Brown

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
11/9/65 10 4996 PB- 4725 PB-	MI & RU Barker Well Service. Kiew well dn., Ran 6 jts tbg., hole clean. Set Baker CI bridge plug @ 4725'. Perforated Dakota SS 4458-61 & 4499-4505' w/ 1/4 holes/ft, sm gas blow after perf'g., TSTM. Ran tbg & set pkr 4402'. Acidized w/ 500 gal Dowell X (15% HCL), Erk @ 2800#, PI 3 1/2 BPH @ 2500#, ISD 1200#, vac in 5 min. Subd tbg dry, vy sm gas blow thru tbg, TSTM.				
11 4725 PB-	Pld tbg & pkr. Frac perfs w/ 30,000# 20-40 sd, 30,000 gal water, 300,000 SCF 002 w/ 450# J-84 & 600# J-133, NP 3200#, Avg 3000# @ 25 BPH, ISD 1500#. Kiew back lined, Kiew 20 min & died, vy ali tr gas.				
12 4725 PB-	Ran tbg to 4400'. Subd IN f/ 7 hrs, subd & flwd 2 hrs, blowing sd & load wtr. SI overnight.				
13 4725 PB-	Opn well & flw load wtr. Tagged bottom w/ tbg. Set 2-3/8" tbg @ 4489'. Conn head.				
14 4725 PB-	5 hr. Company completion test on Dakota perfs 4458-61 & 4499-4505', FARGO 2200 MCFFD, FTP 296#, FCP 600#, 30/64" chokes, 15 hr SITP 830#, SICP 850#. COMPLETED PLUS BACK 11/14/65.				

NOV 22 1965



UTAH
NATURAL RESOURCE
Oil Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

Page 2 of 6

MONTHLY OIL AND GAS PRODUCTION REPORT

012919

Operator name and address:

• ARCO OIL & GAS COMPANY
P O BOX 1610
MIDLAND TX 79702
ATTN: REVENUE ACCT/JEFF DECKER

Utah Account No. N0080

Report Period (Month/Year) 12 / 86

Amended Report ☐

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume		Water (BBL)
					Oil (BBL)	Gas (MSCF)	
X SAN ARROYO 21 4301915901	00500	16S 25E 25	DKTA	*			
X SAN ARROYO 22 4301915902	00500	16S 25E 15	DKTA	*			
X SAN ARROYO #24 4301915903	00500	16S 26E 19	DKTA	*			
X SAN ARROYO 25 4301915904	00500	16S 25E 21	DKTA	*			
X SAN ARROYO 26 4301915905	00500	16S 26E 20	DKTA	*			
X SAN ARROYO 27 4301915906	00500	16S 26E 29	DKTA	*			
X SAN ARROYO 28 4301915907	00500	16S 26E 29	DKTA	*			
X SAN ARROYO 29 4301915908	00500	16S 25E 22	DKTA	*			
X SAN ARROYO 1-C 4301930068	00500	16S 25E 26	CSLGT	*			
X SAN ARROYO 3-C 4301930069	00500	16S 25E 23	CSLGT	*			
X SAN ARROYO 31 4301930527	00500	16S 25E 22	DKTA	*			
X SAN ARROYO 32 4301930528	00500	16S 25E 14	DKTA	*			
X SAN ARROYO 33 4301930608	00500	16S 25E 25	DKTA	*			
TOTAL							

Comments (attach separate sheet if necessary) * SEE COMMENT PAGE 1 OF 6 - * Properties
Sold, Effective 9-1-86, To: Buch Corporation, 410 17th St, Denver
Colorado 80202

I have reviewed this report and certify the information to be accurate and complete.

Date 1-21-87

Jeff Decker
Authorized signature

JEFF DECKER

Telephone (915) 688-5414

PLEASE COMPLETE FORMS IN BLACK INK

111033

SGW

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-06188
2. NAME OF OPERATOR Birch Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 3801 East Florida Avenue Suite 900, Denver, CO 80210		7. UNIT AGREEMENT NAME San Arroyo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2450 FNL 1495 FWL		8. FARM OR LEASE NAME San Arroyo
10. FIELD AND POOL, OR WILDCAT San Arroyo		9. WELL NO. Unit No. 24
11. SEC. T. R. M. OR B.L. AND SURVEY OR AREA Sec 19 T16S R26E		12. COUNTY OR PARISH Grand
13. STATE Utah		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

We propose to perforate, acidize, and fracture according to the attached procedure. Fracture design will be for a propped fracture length of approximately 800 feet.

18. I hereby certify that the foregoing is true and correct

SIGNED Jerry Davis TITLE Operations Manager DATE 11/13/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

WORKOVER PROCEDURE

San Arroyo Unit No. 24
San Arroyo Field, Grand County, Utah

LOCATION: 2450' FNL, 1495' FWL, Section 19, T16S, R26E. Grand County, Utah.

ELEVATION: 6023 GL. All depths measured from ground level.

TABULARS: 4½" OD casing set at 5039' in March, 1953.
2-3/8" tubing at 4489 feet.

PROCEDURE:

1. Move in workover rig and rig up. Kill well and install BOP's. Trip in hole and tag to total depth. Pull out of hole and lay down tubing.
2. Rig up wireline. Go in hole with 3-1/8" casing gun. Perforate as follows with premium charges:

Upper Dakota			
4427-4451'	24'	1SP2F	13 Holes
Lower Dakota			
4499-4517'	18'	1SP2F	10 Holes
Lower Cedar Mountain			
4609-4634'	25'	1SP2F	13 Holes
		Run Gauge Ring.	
3. Pick up retrievable bridge plug and packer. Set bridge plug at 4645' and set packer at 4540 feet. Acidize lower Cedar Mountain with 1,250 gallons of 15% HCl containing inhibitors, iron sequestering agent, clay stabilizers, and non-ionic surfactant with ball sealers. Flow back and evaluate for frac.
4. Frac down tubing. Fracture treatment will be designed later. Flowback.
5. Retrieve bridge plug and set at 4535 feet. Set packer at 4485 feet. Swab well and test. Acidize Lower Dakota with 1000 gallons of 15% HCl with the same additives as previously specified. Flowback and evaluate for frac.
6. Frac down tubing. Fracture treatment will be designed later. Flowback.
7. Retrieve bridge plug and set at 4470 feet. Set packer at 4330 feet. Swab well and test. Acidize Upper Dakota with 1250 gallons of 15% HCl and the same additives as specified above. Flowback and evaluate for frac.
8. Frac down tubing. Fracture treatment will be designed later. Flowback.
9. Pull out of hole with packer and bridge plug. Go in hole open ended. Land bottom of tubing at 4640 feet. Flow well to sales line.

San Arroyo Unit Well # 24
CURRENT DOWNHOLE CONDITIONS

Elevation: 6023
TD: 5039

9 $\frac{5}{8}$ " Csg. @ 356

TOC 4002

Dakota

2 $\frac{3}{8}$ " Tbg. @ 4489

4458

COO

4461

ACIDIZE w/500gal DOWELL X

FRAC: 30,000 gal AW w/30,000[#]SB + 300,000 SEFCO₂
(11-65)

4499

COO

4505

CIBP @ 4725

4794

COO

4799

ACIDIZED w/500gal

4812

COO

4815

FRAC: 30000 gal AW w/30000[#]SB + 300,000 SEFCO₂
(7-63)

PBTD @ 4996

4 $\frac{1}{2}$ " Csg. @ 5039
10.5 2-55

Morrison

TA

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug a well to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-06188 SGL-DKTA
2. NAME OF OPERATOR Birch Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 121128
3. ADDRESS OF OPERATOR 3801 East Florida Avenue Suite 900 Denver, CO 80210		7. UNIT AGREEMENT NAME San Arroyo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2450' FNL, 1495' FWL		8. FARM OR LEASE NAME San Arroyo
14. API NUMBER 13-019-15903		9. WELL NO. Unit #24
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6023' GL		10. FIELD AND POOL, OR WILDCAT San Arroyo
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19, T16S, R26E
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Transmittal of Information <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The proposed workover for this well began on November 25, 1987.

18. I hereby certify that the foregoing is true and correct

SIGNED *Tommy Amis* TITLE Operations Manager DATE 12/8/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
FEB 19 1988

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-06188 TA-mrsn
2. NAME OF OPERATOR Birch Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR PO Box 5427 T. A. Denver Co 80210		7. UNIT AGREEMENT NAME San Arroyo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2450 FNL 1495 FWL		8. FARM OR LEASE NAME San Arroyo
14. API NUMBER 43-019-15903		9. WELL NO. Unit No. 24
15. ELEVATIONS (Show whether SF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT San Arroyo
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 19 T16S R26E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The well was worked over as per the attached report. Work began on 11/25/87 and was completed on 12/15/87. Production prior to work is 0 MCFD. Subsequent results: 875 MCFD @ 350 psig flowing tubing pressure.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operations Manager

DATE 2/16/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

BIRCH CORPORATION
COMPLETION REPORT
SAN ARROYO UNIT NO. 24

11-25-87 Present Operation: Cleaning off location.
Remarks: Move in dirtwork equipment and begin cleaning off road and location. Wellhead buried in about four (4) foot of silt. Plan to move in a D-8 if necessary to finish. Rig scheduled to move in on Friday 11-27-87.

11-26-87 Present Operation: SD for holiday.
Remarks: Clean off location and rebuild road.

11-27-87 Present Operation: Prep to move in rig.
Remarks: Shut down for holiday.

11-28-87 Present Operation: Prep to trip out w/2-3/8" tubing.
Remarks: Rig up slick line and check TD and BHP. Tag at 4499 and set down solid. BHP 580 psig and no fluid. Install anchors, open well to blow down @ 1:45 pm and SI 22:30 pm while moving in rig. Rig up workover rig and SDFN. TP 550 @4:00 pm. Received and unloaded 316 jts 2-3/8" 4.7#. EUE N-80 used tubing.
Total Daily Costs: 3493
Cumulative Costs: 6038

11-29-87 Present Operation: Pull out w/2-3/8" tubing and strap while coming out.
Remarks: Clean up wellhead bolts and could not break bolts. Cut off one bolt and found wrong series bolts on BOP. WO 600 Series bolts and cut and replace bolts. Mixed 3% KCL water with L-55 clay stabilizer and pump 20½ bbls down well to kill well. Annulus dead and tubing blew down in 5 minutes. Tubing kicked off in 10 minutes and pumped another 10½ bbls down tubing. Well dead, set off tree, and nipple up BOP. Pull donut w/64,000# and it came free but rig settled. Lay down 1 jt tubing w/donut on it and picked up 2 jts tubing. Tag fill @4506. Layed down 2 jts tubing, releve rig and SDFN.
Total Daily Costs: 2516
Cumulative Costs: 8599

- 11-30-87 Present Operation: RIH w/3-7/8" bit and bailer, SICP 75 psig.
Blew down in 5 minutes.
Previous days operation: Pull tubing and strap. Well kicked off 22 stands out. Kill well w/40.5 bbl 3% KCL water and finished trip. SLM total 4991'. Pick up notched collar and hydrostatic bailer. Pick up 2-3/8" EUE 4.7# N-80 tubing work string and run in hole. Tag fill at 4484' and began cleaning out. Cleaned out 3' and broke through for 30' and broke through for 20'. Set down solid at 4571'. Rotate and spud w/no progress. Pull out and empty bailer. Had 2.4 bbls 3% KCL water plus 6' loose sand. Bottom of bailer contained large chunks of compacted formation sand and frac sand. Notched collar on bailer bent.
Total Daily Costs: 1667
Cumulative Costs: 10,566
- 12-01-87 Present Operation: Rig up to log and perf. SICP 25 psig, blow down in 2 minutes. Trip in w/3-7/8" bit and hydrostatic bailer. Tag fill @4568. Bailed 3' and set down hard. Rotate w/tongs and work down 2'. Fell free. Clean out from 4573-4676' and plugged bailer. Trip out w/bit and bailer. Well kicked off 58 STDS out. Kill w/13½ bbls and finish trip. Rec. 1½ bbls KCL water and 330' frac sand. Make up bailer and run in hole w/notched collar. Tag at 4670 and clean out to 4723'. Trip out hole and lay down bailer. Rec. 1.16 bbls KCL water and 120' frac sand. SDFN.
Total Daily Costs: 3414
Cumulative Costs: 13,980
- 12-02-87 Present Operation: Swabbing. Well flowing on 12/64" choke at 50 psig.
Previous Day Operation: Rig up Dyna-Jet and run a Gamma-Ray Collar Correlation log from 4704-4200'. No fluid in hole. Perforate at:
- | | | |
|------------|-------|----------|
| 4609-4634' | 1JSPF | 26 Holes |
| 4427-4451' | 1JSPF | 26 Holes |
- Using a 3-18" casing gun and 12 gram DML charges. Fluid level on second run at 3000'. Run a gauge ring to 4704'. Fluid level at 2700'. Pick up a tension packer and run in hole. Set packer at 4555' in 12000# tension. Rig up and swab. Initial fluid level at 2700'. Swab from 4000' and recover 2bbls KCL water. Run swab and well

kicked off. Install 20/64" choke and tested for $\frac{1}{2}$ hr. Shut in pressure 580 psig, and final flowing pressure 350 psig, calculated rate 848 MCFD. Rig up Dowell and acidize w/1250 gal 15% HCL containing inhibitors, clay stabilizer, iron sequestering agent, non-ionic surfactant, and 35 ball sealers. Average injection rate $3\frac{1}{2}$ bbl/minute at 200 psig-3800 psig. Breakdown at 3800 psig and broke to 500 psig. Pressure gradually increased to 1750 throughout job. Good ball action and did not ball out. ISIP 0#. Flushed w/19 bbls KCL water. Swab well and recovered 4 bbls in three runs. Installed 12/64" choke and left open to tank all night. SDFN.

Total Daily Costs: 8044

Cumulative Costs: 22,024

12-3-87

Present Operation: Running bottom hole pressure build up.

Previous Days Operation: Remove 12/64" choke, blow down, and run swab. Fluid level @2000'. Made 2 runs and well kicked off. Recovered 14 bbl KCL water. Let well flow to clean up and recovered 19 bbl spent acid and DCL water. Install 20/64" choke and flow to pit. Initial pressure 300#. Flowing at 195 psig in $3\frac{1}{2}$ hrs. Flowed at 195# for 4 hrs. Rig up and run BHP Bomb. Flow well for 1 hr. and shut in for buildup. Final flow pressure 199 psig. ISIP 230 psig, 12 minutes SIP 310 psig. Total Daily Costs: 2344

Cumulative Costs: 24,368

12-4-87

Present Operation: Prepare to fracture treat. SITP 495 psig SICP 565 psig.

Previous Days Operation: Running bottom hole pressure build-up. Pressure after $15\frac{1}{2}$ hrs shut-in 549 psig. Blow casing for 40 min. and no apparent communication. Rig up Dowell to fracture. Sand transport late and SDFN. Plan to fracture down 2-3/8" tubing. Will spot gell plug across existing perforations and pressure back side to 1000 psig.

Total Daily Costs: 3350

Cumulative Costs: 27,718

12-05-87 Present Operation: Flow testing FTP 160 psig - 20 hrs. 18/64" choke
SICP 545 psig - 67-1/4 hrs.
Previous Days Operation: Pumped 10 bbl KCl thru tubing. Change out
TIW valve. Rig up Dowell, load backside with cross link gel and N₂.
Test line to 75,500 #. Frac down 2-3/8" tubing with 33,600 gal 75Q Foam
with 21,000 lbs 20/40 sand. Screened out at 3# per/gal at 7200 # at 12 BPM.
Maximum pressure 7200 psig. Maximum injection rate 12 BPM. Average 12 BPM
at 5300 psig. ISIP 6500 psig, 5 min - 4990 psig, 10 min - 4516 psig,
15 min - 4378 psig. Flow back on 28/64" choke. Well flowing sand.
Changed chokes to 24/64", 20/64", and to 18/64" choke. Flowing at
160 psig, 18/64" choke at 7:00 am.
Total Daily Costs: 25371
Cumulative Costs: 53089

12-06-87 Present Operation: Flow testing after frac.
Previous Days Operation: Flow test. Installed 12/64" choke at 10:00 am,
December 5, 1987. Opened at 250 psig, increased to 340 psig in 6 hours.
Total Daily Costs: 1284
Cumulative Costs: 54373

12-07-87 Present Operation: Prepare to move to next zone.
Previous Days Operation: Flow test on 12/64" choke at 355 psig. Very
small amount of fluid. Flow tubing pressure 355 psig, shut-in casing
pressure 545 psig. 284.7 mcf flowing rate in 24 hours.
Total Daily Costs: 420
Cumulative Costs: 54793

12-08-87 Present Operation: Trip in to tag sand prior to acidizing.
Previous Days Operation: Mix 80 bbls 3% KCl water and clay slurry.
Kill casing with 21.6 bbl, kill tubing with 10.8 bbl. Release packer
and pulled tight for two stands. Trip out with tubing and packer. Pulled
tight at 41-46 stands out. Well kicked off with 46 stands out. Kill with
10 bbls. Finish trip out and lay down packer. Pick up retrievable bridge
plug and setting tool. Run in hole and set RBP at 4521 feet. Pull out of
hole and well kicked off 10 stands out. Lay down setting tool. 1/2 dump
600 lb 20-40 sand followed with 16 bbl 3% KCl water. Close in and SDFN.
Total Daily Costs: 2839
Cumulative Costs: 57632

- 12-09-87 Present Operation: Prepare to Acidize.
Previous Days Operation: Shut-in casing pressure 45 psig. Blew down in 5 minutes. Trip in hole with one joint tubing and notched collar, and tension packer. Run 70 stands and 1 single of 2-3/8" tubing. Tag sand at 4771 feet. Wait on Dowell, truck broke down on Douglas Pass. Rig up Dowell. Shut down for night. Plan to acidize at 7:30 am 12/09/87.
Total Daily Costs: 2166
Cumulative Costs: 57,798
- 12-10-87 Present Operation: Prepare to frac.
Previous Days Operation: Nipple up Dowell, load back side with 42 bbls KCl water. Spot 25 gal of 15% HCl 2/17 bbls 3% KCl water thru tubing. Nipple down Dowell, test line to 5000 lbs -OK. Acidize with 1225 gallons 15% HCl w/A-25 L55 and L58 plus surfactant and 65 1.3 RCN sealers. Broke down at 2900 lbs, no ball action, final treating pressure 2100 psi. ISIP 1200 0-5 min. Maximum pressure 2900 psig, avg 2500 psig. Maximum injection rate 5 BPM, avg 5 BPM. Nipple down Dowell. Rig up swabbing tee and go in hole with swab. Fluid level 2000 feet. Swab back KCl and water. Swab and flow by heads till 5:00 pm. Install 12/64" choke. FTP 160. Shut down for night.
Total Daily Costs: 5760
Cumulative Costs: 65,558
- 12-11-87 Present Operations: Flow back frac.
Previous Days Operations: FTP 60 psig, SICP 0 psig. Remove 12/64" choke and blow down well. Release packer and tag sand at 4471'. Spot 100 lbs 100 mesh sand from 4471' - 4460' with 17 bbl 3% KCl water. Reset packer at 4307 feet, with 20,000 lbs overpull. Rig up Dowell, test lines to 8000 psig and frac Dakota perfs 4427' - 4451' with 60,700 gal 75% quality foam containing 15000 lbs 100 mesh sand and 40,000 lbs 20-40 sand. Maximum pressure 6050 psig, final pressure 5644 psig, avg press 5850 psig, avg inj rate 12 BPM. ISIP 3650 psig, 5 min 3524 psig, 10 min 3428 psig, 15 min 3373 psig, 30 min 3263 psig. Rig down Dowell. Flow back frac on 18/64" choke. Initial pressure 2900 psig, FTP 2500 psig, dropped to 500 psig in 2 hrs. Holding fairly steady. Flow back fluid with no noticeably sand.
Total Daily Costs: 34,058
Cumulative Costs: 99,616

- 12-12-87 Present Operation: Prepare to release packer.
Pressures: FTP - 195, 40 hrs., SICP - 325.
Previous Days Operation: Flow back fracs on various chokes.
Total Daily Costs: 2612
Cumulative Costs: 102,228
- 12-13-87 Present Operations: Preparing to trip with Bailer.
Previous Days Operations: Flow down casing, load tubing and kill well with 21.6 bbls of KCl. Unseat packer and teip out of hole. Lay down packer, 1/2 of packer rubbers torn off. Pick up hydrostatic bailer, bailer assy and trip in hole. Tag sand at 4468', bail to 4515', no further progress in one hour. Pull out of hole with bailer and remove 420' of dirty water, 60 feet of sand with frac balls and packer rubbers. Run in hole with bailer and tag sand at 4508 feet. Bail to 4521 feet and latch onto retrieveable bridge plug and take out of hole. Recover 240 feet dirty water, 60 feet sand. Well kicked off thru casing, closed blind rams. Lay down bailer and bridge plug. Shut down for night.
Total Daily Costs: 1595
Cumulative Costs: 103,823
- 12-14-87 Present Operations: Prepare to run in hole with production tubing.
Previous Days Operations: Thaw out rig tank valves. Mix 80 bbls KCl. Wait on drain sub for bailer. Kill well with 48.6 bbls 3% KCl. Pick up bailer assembly and run in hole. Tag sand at 4690 feet. Bail to 4696 feet. Well kicked off thru tubing. Stab TIW and kill well thru tubing and csg with 21 bbls KCL. Pull out of hole and lay down tubing. Kill well with 12 bbls 3% KCL and finish laying down tubing and bailer. Recovered 930 feet dirty water and 30 feet sand. Close in well, drain up and shut down for night.
Total Daily Costs: 3434
Cumulative Costs: 107,257
- 12-15-87 Present Operation: Flow test to frac tank
Previous Days Operation: Thaw out valves. Kill well with 45 bbls 3% KCl and run in hole with seating nipple below 143 jts 2-3/8" 8 rnd EUE J-55 tubing. Well kicked off through tubing. Kill tubing and land tubing at 4399.85' GLM. Nipple down BOP, nipple up tree and hook up flowline to frac tank. Clean out tank and release one frac tank. Release BOP and accumulator and release rig at 3:00 pm 12/14/87. Left 3 jts tubing on loc totaling 92.15 feet. Left 166 jts 2-3/8" N-80 tubing on location - not strapped.

12-15-87
Continued

Total Daily Costs:	1445
Cumulative Totals:	
Rig	20,085
Water	4,013
Labor	330
Rental	2,209
Trans	1,882
Perf	2,493
Stiml	59,683
Packer	3,970
Supvn	6,300
Slk Line	776
Misc	6,961
Cumulative Well Total	108,702

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug a well.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Birch Corporation

3. ADDRESS OF OPERATOR
PO Box 5427 T. A. Denver Co 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

2450 FNL 1495 FWL

14. API NUMBER
43-019-15903

15. ELEVATIONS (Show whether DS, RT, OR, etc.)

DIVISION OF
OIL, GAS & MINING

FEB 19 1988

5. LEASE DESIGNATION AND SERIAL NO.
U-06188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
022300

7. UNIT AGREEMENT NAME

San Arroyo

8. FARM OR LEASE NAME

San Arroyo

9. WELL NO.

Unit No. 24

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR S.E. AND
SUBVY OR AREA

Sec 19 T16S R26E

12. COUNTY OR PARISH 13. STATE
Grand Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SMOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The well was worked over as per the attached report. Work began on 11/25/87 and was completed on 12/15/87. Production prior to work is 0 MCFD. Subsequent results: 875 MCFD @ 350 psig flowing tubing pressure.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operations Manager

DATE

2/16/88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

BIRCH CORPORATION
COMPLETION REPORT
SAN ARROYO UNIT NO. 24

11-25-87 Present Operation: Cleaning off location.
Remarks: Move in dirtwork equipment and begin cleaning off road and location. Wellhead buried in about four (4) foot of silt. Plan to move in a D-8 if necessary to finish. Rig scheduled to move in on Friday 11-27-87.

11-26-87 Present Operation: SD for holiday.
Remarks: Clean off location and rebuild road.

11-27-87 Present Operation: Prep to move in rig.
Remarks: Shut down for holiday.

11-28-87 Present Operation: Prep to trip out w/2-3/8" tubing.
Remarks: Rig up slick line and check TD and BHP. Tag at 4499 and set down solid. BHP 580 psig and no fluid. Install anchors, open well to blow down @ 1:45 pm and SI 22:30 pm while moving in rig. Rig up workover rig and SDFN. TP 550 @4:00 pm. Received and unloaded 316 jts 2-3/8" 4.7#. EUE N-80 used tubing.
Total Daily Costs: 3493
Cumulative Costs: 6038

11-29-87 Present Operation: Pull out w/2-3/8" tubing and strap while coming out.
Remarks: Clean up wellhead bolts and could not break bolts. Cut off one bolt and found wrong series bolts on BOP. WO 600 Series bolts and cut and replace bolts. Mixed 3% KCL water with L-55 clay stabilizer and pump 20½ bbls down well to kill well. Annulus dead and tubing blew down in 5 minutes. Tubing kicked off in 10 minutes and pumped another 10½ bbls down tubing. Well dead, set off tree, and nipple up BOP. Pull donut w/64,000# and it came free but rig settled. Lay down 1 jt tubing w/donut on it and picked up 2 jts tubing. Tag fill @4506. Layed down 2 jts tubing, releve rig and SDFN.
Total Daily Costs: 2516
Cumulative Costs: 8599

- 11-30-87 Present Operation: RIH w/3-7/8" bit and bailer, SICP 75 psig.
Blew down in 5 minutes.
Previous days operation: Pull tubing and strap. Well kicked off 22 stands out. Kill well w/40.5 bbl 3% KCL water and finished trip. SLM total 4991'. Pick up notched collar and hydrostatic bailer. Pick up 2-3/8" EUE 4.7# N-80 tubing work string and run in hole. Tag fill at 4484' and began cleaning out. Cleaned out 3' and broke through for 30' and broke through for 20'. Set down solid at 4571'. Rotate and spud w/no progress. Pull out and empty bailer. Had 2.4 bbls 3% KCL water plus 6' loose sand. Bottom of bailer contained large chunks of compacted formation sand and frac sand. Notched collar on bailer bent.
Total Daily Costs: 1667
Cumulative Costs: 10,566
- 12-01-87 Present Operation: Rig up to log and perf. SICP 25 psig, blow down in 2 minutes. Trip in w/3-7/8" bit and hydrostatic bailer. Tag fill @4568. Bailed 3' and set down hard. Rotate w/tongs and work down 2'. Fell free. Clean out from 4573-4676' and plugged bailer. Trip out w/bit and bailer. Well kicked off 58 STDS out. Kill w/13½ bbls and finish trip. Rec. 1½ bbls KCL water and 330' frac sand. Make up bailer and run in hole w/notched collar. Tag at 4670 and clean out to 4723'. Trip out hole and lay down bailer. Rec. 1.16 bbls KCL water and 120' frac sand. SDFN.
Total Daily Costs: 3414
Cumulative Costs: 13,980
- 12-02-87 Present Operation: Swabbing. Well flowing on 12/64" choke at 50 psig.
Previous Day Operation: Rig up Dyna-Jet and run a Gamma-Ray Collar Correlation log from 4704-4200'. No fluid in hole. Perforate at:
4609-4634' 1JSPF 26 Holes
4427-4451' 1JSPF 26 Holes
Using a 3-18" casing gun and 12 gram DML charges. Fluid level on second run at 3000'. Run a gauge ring to 4704'. Fluid level at 2700'. Pick up a tension packer and run in hole. Set packer at 4555' in 12000# tension. Rig up and swab. Initial fluid level at 2700'. Swab from 4000' and recover 2bbls KCL water. Run swab and well

kicked off. Install 20/64" choke and tested for $\frac{1}{2}$ hr. Shut in pressure 580 psig, and final flowing pressure 350 psig, calculated rate 848 MCFD. Rig up Dowell and acidize w/1250 gal 15% HCL containing inhibitors, clay stabilizer, iron sequestering agent, non-ionic surfactant, and 35 ball sealers. Average injection rate $3\frac{1}{2}$ bbl/minute at 200 psig-3800 psig. Breakdown at 3800 psig and broke to 500 psig. Pressure gradually increased to 1750 throughout job. Good ball action and did not ball out. ISIP 0#. Flushed w/19 bbls KCL water. Swab well and recovered 4 bbls in three runs. Installed 12/64" choke and left open to tank all night. SDFN.

Total Daily Costs: 8044

Cumulative Costs: 22,024

12-3-87

Present Operation: Running bottom hole pressure build up.

Previous Days Operation: Remove 12/64" choke, blow down, and run swab. Fluid level @2000'. Made 2 runs and well kicked off. Recovered 14 bbl KCL water. Let well flow to clean up and recovered 19 bbl spent acid and DCL water. Install 20/64" choke and flow to pit. Initial pressure 300#. Flowing at 195 psig in $3\frac{1}{2}$ hrs. Flowed at 195# for 4 hrs. Rig up and run BHP Bomb. Flow well for 1 hr. and shut in for buildup. Final flow pressure 199 psig. ISIP 230 psig, 12 minutes SIP 310 psig.

Total Daily Costs: 2344

Cumulative Costs: 24,368

12-4-87

Present Operation: Prepare to fracture treat. SITP 495 psig
SICP 565 psig.

Previous Days Operation: Running bottom hole pressure build-up. Pressure after $15\frac{1}{2}$ hrs shut-in 549 psig. Blow casing for 40 min. and no apparent communication. Rig up Dowell to fracture. Sand transport late and SDFN. Plan to fracture down 2-3/8" tubing. Will spot gell plug across existing perforations and pressure back side to 1000 psig.

Total Daily Costs: 3350

Cumulative Costs: 27,718

- 12-05-87 Present Operation: Flow testing FTP 160 psig - 20 hrs. 18/64" choke
SICP 545 psig - 67-1/4 hrs.
Previous Days Operation: Pumped 10 bbl KCl thru tubing. Change out
TIW valve. Rig up Dowell, load backside with cross link gel and N₂.
Test line to 75,500 #. Frac down 2-3/8" tubing with 33,600 gal 75Q Foam
with 21,000 lbs 20/40 sand. Screened out at 3# per/gal at 7200 # at 12 BPM.
Maximum pressure 7200 psig. Maximum injection rate 12 BPM. Average 12 BPM
at 5300 psig. ISIP 6500 psig, 5 min - 4990 psig, 10 min - 4516 psig,
15 min - 4378 psig. Flow back on 28/64" choke. Well flowing sand.
Changed chokes to 24/64", 20/64", and to 18/64" choke. Flowing at
160 psig, 18/64" choke at 7:00 am.
Total Daily Costs: 25371
Cumulative Costs: 53089
- 12-06-87 Present Operation: Flow testing after frac.
Previous Days Operation: Flow test. Installed 12/64" choke at 10:00 am,
December 5, 1987. Opened at 250 psig, increased to 340 psig in 6 hours.
Total Daily Costs: 1284
Cumulative Costs: 54373
- 12-07-87 Present Operation: Prepare to move to next zone.
Previous Days Operation: Flow test on 12/64" choke at 355 psig. Very
small amount of fluid. Flow tubing pressure 355 psig, shut-in casing
pressure 545 psig. 284.7 mcf flowing rate in 24 hours.
Total Daily Costs: 420
Cumulative Costs: 54793
- 12-08-87 Present Operation: Trip in to tag sand prior to acidizing.
Previous Days Operation: Mix 80 bbls 3% KCl water and clay slurry.
Kill casing with 21.6 bbl, kill tubing with 10.8 bbl. Release packer
and pulled tight for two stands. Trip out with tubing and packer. Pulled
tight at 41-46 stands out. Well kicked off with 46 stands out. Kill with
10 bbls. Finish trip out and lay down packer. Pick up retrievable bridge
plug and setting tool. Run in hole and set RBP at 4521 feet. Pull out of
hole and well kicked off 10 stands out. Lay down setting tool. 1/2 dump
600 lb 20-40 sand followed with 16 bbl 3% KCl water. Close in and SDFN.
Total Daily Costs: 2839
Cumulative Costs: 57632

12-09-87

Present Operation: Prepare to Acidize.

Previous Days Operation: Shut-in casing pressure 45 psig. Blew down in 5 minutes. Trip in hole with one joint tubing and notched collar, and tension packer. Run 70 stands and 1 single of 2-3/8" tubing. Tag sand at 4771 feet. Wait on Dowell, truck broke down on Douglas Pass. Rig up Dowell. Shut down for night. Plan to acidize at 7:30 am 12/09/87.

Total Daily Costs: 2166

Cumulative Costs: 57,798

12-10-87

Present Operation: Prepare to frac.

Previous Days Operation: Nipple up Dowell, load back side with 42 bbls KCl water. Spot 25 gal of 15% HCl 2/17 bbls 3% KCl water thru tubing. Nipple down Dowell, test line to 5000 lbs -OK. Acidize with 1225 gallons 15% HCl w/A-25 L55 and L58 plus surfactant and 65 1.3 RCN sealers. Broke down at 2900 lbs, no ball action, final treating pressure 2100 psi. ISIP 1200 0-5 min. Maximum pressure 2900 psig, avg 2500 psig. Maximum injection rate 5 BPM, avg 5 BPM. Nipple down Dowell. Rig up swabbing tee and go in hole with swab. Fluid level 2000 feet. Swab back KCl and water. Swab and flow by heads till 5:00 pm. Install 12/64" choke. FTP 160. Shut down for night.

Total Daily Costs: 5760

Cumulative Costs: 65,558

12-11-87

Present Operations: Flow back frac.

Previous Days Operations: FTP 60 psig, SICP 0 psig. Remove 12/64" choke and blow down well. Release packer and tag sand at 4471'. Spot 100 lbs 100 mesh sand from 4471' - 4460' with 17 bbl 3% KCl water. Reset packer at 4307 feet, with 20,000 lbs overpull. Rig up Dowell, test lines to 8000 psig and frac Dakota perms 4427' - 4451' with 60,700 gal 75% quality foam containing 15000 lbs 100 mesh sand and 40,000 lbs 20-40 sand. Maximum pressure 6050 psig, final pressure 5644 psig, avg press 5850 psig, avg inj rate 12 BPM. ISIP 3650 psig, 5 min 3524 psig, 10 min 3428 psig, 15 min 3373 psig, 30 min 3263 psig. Rig down Dowell. Flow back frac on 18/64" choke. Initial pressure 2900 psig, FTP 2500 psig, dropped to 500 psig in 2 hrs. Holding fairly steady. Flow back fluid with no noticeably sand.

Total Daily Costs: 34,058

Cumulative Costs: 99,616

- 12-12-87 Present Operation: Prepare to release packer.
Pressures: FTP - 195, 40 hrs., SICP - 325.
Previous Days Operation: Flow back frac on various chokes.
Total Daily Costs: 2612
Cumulative Costs: 102,228
- 12-13-87 Present Operations: Preparing to trip with Bailer.
Previous Days Operations: Flow down casing, load tubing and kill well with 21.6 bbls of KCl. Unseat packer and teip out of hole. Lay down packer, 1/2 of packer rubbers torn off. Pick up hydrostatic bailer, bailer assy and trip in hole. Tag sand at 4468', bail to 4515', no further progress in one hour. Pull out of hole with bailer and remove 420' of dirty water, 60 feet of sand with frac balls and packer rubbers. Run in hole with bailer and tag sand at 4508 feet. Bail to 4521 feet and latch onto retreivable bridge plug and take out of hole. Recover 240 feet dirty water, 60 feet sand. Well kicked off thru casing, closed blind rams. Lay down bailer and bridge plug. Shut down for night.
Total Daily Costs: 1595
Cumulative Costs: 103,823
- 12-14-87 Present Operations: Prepare to run in hole with production tubing.
Previous Days Operations: Thaw out rig tank valves. Mix 80 bbls KCl. Wait on drain sub for bailer. Kill well with 48.6 bbls 3% KCl. Pick up bailer assembly and run in hole. Tag sand at 4690 feet. Bail to 4696 feet. Well kicked off thru tubing. Stab TIW and kill well thru tubing and csg with 21 bbls KCL. Pull out of hole and lay down tubing. Kill well with 12 bbls 3% KCL and finish laying down tubing and bailer. Recovered 930 feet dirty water and 30 feet sand. Close in well, drain up and shut down for night.
Total Daily Costs: 3434
Cumulative Costs: 107,257
- 12-15-87 Present Operation: Flow test to frac tank
Previous Days Operation: Thaw out valves. Kill well with 45 bbls 3% KCl and run in hole with seating nipple below 143 jts 2-3/8" 8 rnd EUE J-55 tubing. Well kicked off through tubing. Kill tubing and land tubing at 4399.85' GLM. Nipple down BOP, nipple up tree and hook up flowline to frac tank. Clean out tank and release one frac tank. Release BOP and accumulator and release rig at 3:00 pm 12/14/87. Left 3 jts tubing on loc totaling 92.15 feet. Left 166 jts 2-3/8" N-80 tubing on location - not strapped.

12-15-87
Continued

Total Daily Costs:	1445
Cumulative Totals:	
Rig	20,085
Water	4,013
Labor	330
Rental	2,209
Trans	1,882
Perf	2,493
Stiml	59,683
Packer	3,970
Supvn	6,300
Slk Line	776
Misc	6,961
Cumulative Well Total	108,702

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other recompletion

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Ave Suite #900 Denver Co 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2450 FNL 1495 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-019-15903 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

U-06188

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Arroyo

8. FARM OR LEASE NAME

San Arroyo

9. WELL NO.

Unit No. 24

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 19, T16S R26E

12. COUNTY OR

Grand

13. STATE

Utah

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 12/17/87 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6023' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5039' 21. PLUG, BACK T.D., MD & TVD 4996' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Cedar Mt. 4609-4634'

Dakota

4427-4451'

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
no

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"		365'	pre-existing		
4 1/2"		5039'	pre-existing		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2-3/8" 4399.85

31. PERFORATION RECORD (Interval, size and number)

(4458-4461, 4499-4505) pre-existing
4609-4634 1JSPF 26 holes
4429-4451 1JSPF 26 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4609-4634	see attachment
4427-4451	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12-15-87		flowing					shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12-17-87	64.5	24/64, 20/64	→	0	885 mcf	0	na	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
350		→	0	885 mcf	0	na		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

sold

TEST WITNESSED BY

Jim Mabry

35. LIST OF ATTACHMENTS

attachment included

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Operations Manager

DATE

4/13/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

WORKOVER REPORT

San Arroyo Unit #24
 Sec. 19-T16S-R26E
 Grand County, Utah

11-24-87 - PO: Cleaning off location. MU dirt work equipment. Location muddy, silt 4' deep.

11-25-87 - SDF Holiday, clean off location, rebuild road.

11-26-87 - PO: Prepare to MI rig. SDF Holiday

11-27-87 - PO: SDF Holiday

11-28-87 - PO: Prepare to TO with 2-3/8" tbng. RU slick line & check TD. Tag @ 4499', set down solid, ran BHP. No FL level in well, static BHP 5480 psig. Install anchors, open well to blow down @ 11:45 p.m., SI @ 2:30 p.m., MIRU workover rig. SDFN, tbng 550 psig @ 4 p.m., received & unloaded 316 jts 2-3/8" 4.7# N-80 EUE tbng

DC: \$3,493

CC: \$6,038

11-29-87 - PO: SLM out with 2-3/8" tbng, SITP 0#, SICP 75#, Clean up wellhead bolts, could not break bolts, cut off 1 bolt, found wrong series of bolts with BOP, WO 600 series bolts & cut & replace bolts, mix 3% Kcl water with L55 Clay stabilizer, pump 20.5 bbls down well to kill well, annulus dead, tbng blew down in 5 min., tbng kicked off in 10 min., pump 10.5 bbls down tbng, well dead, set off tree, NU BOP, pull donut with 64,000# and it came free, rig settled in mud, LD 1 jt tbng with donut on it, PU 2 jts tbng, tag fill @ 4506', LD 2 jts tbng, re-level rig, SDFN

DC: \$2,561

CC: \$8,599

11-30-87 - PO: RIH with 3-7/8" bit & bailer, SICP 75 psig, blew down in 5 minutes. Pull tbng & strap. Well kicked off 22 stands out, kill well with 40.5 bbls 3% Kcl water & finished trip. SLM total 4991', PU notched collar & hydro bailer, PU 2-3/8" 4.7# N80 EUE tbng work string and RIH, tag fill @ 4484' and begin cleaning out. Cleaned out 3' & broke thru 20', set down solid @ 3571', rotate & spud with no progress. pull out on empty bailer, had 2.4 bbls 3% Kcl water plus 6' loose sand, bottom of bailer contained large chunks of compacted formation sand & frac sand. Notched collar on bailer bent. SDFN

DC: \$ 1,667

CC: \$10,566

WORKOVER REPORT

San Arroyo Unit #24
Sec. 19-T16S-R26E
Grand County, Utah

12-01-87 - PO: RU to log and perf, SICP 25 psig, blow down in 2 minutes, TI with 3-7/8" bit & hydro bailer, tag fill @ 4568', bail 3', set down hard, rotate with tongs & work down 2', fill 3', clean out from 4573'-4676', plugged bailer, TO with bit & bailer, well kicked off 58 stands out, kill with 13.5 bbls 3% Kcl, 330' frac sand, make up bailer & RIH with notched collar, tag @ 4670', clean out to 4723', TOOH LD bailer, rec 1.16 bbls Kcl water, 120' frac sand, SDFN.

DC: \$3,414
CC: \$13,980

12-02-87 - PO: Swabbing, well flowing on 12/64" choke at 50 psig. RU Dyna-Jet and run a gamma ray collar correlation log from 4707'-4200', No fluid in hole. Perf as follows: 4609-4634' 1 JSPF, 26 holes; 4427'-4451' 1 JSPF, 26 holes; using a 3-1/8" csng gun and 12 gram DML charges. FL on second run @ 3000', run a guage ring to 4707', FL @ 2700'. PU tension pkr & RIH, set pkr @ 4555', 12,000# tension. RU & swab. IFL 2700', swab from 4000' & recover 2 bbls Kcl water. Run swab and well kicked off. Install 20/64" choke & tested for 1/2 hr. SIP 580#, FTP 350#, est. 848 MCFD. RU Dowell & acidize with 1250 gals 15% Hcl containing inhibitor, clay stabilizer, iron sequestering agent, non-ionic surfactant, and 35 ball sealers. AIR 3-1/2 bbls/min @ 200-3800#. Break down @ 3000# & broke to 500#. Pressure gradually increased to 1750# throughout job. Good ball action & did not ball out. ISIP 0#. Flushed with 19 bbls 3% Kcl water. Swab well and recovered 4 bbls in 3 runs. Installed 12/64" choke and left open to tank all night. SDFN, 45 BLTR

DC: \$8,044
CC: \$22,024

12-03-87 - PO: Running BHP buildup. Remove 12/64" choke, blow down and run swab. FL @ 2000', made 2 runs & well kicked off. Recovered 14 bbls 3% Kcl water. Let well flow to cleanup & recovered 19 bbls spent acid & Kcl water. Install 20/64" choke & flow to pit. IP 300# flowing @ 195# in 3-1/2 hrs. Flowed @ 195# for 4 hrs. RU and run BHP bomb. Flow well for 1 hr. and SI for buildup. FFL 199#, ISIP 230#, 15 min SIP 310#, SDFN

DC: \$2,344
CC: \$24,368

WORKOVER REPORT

San Arroyo State #24
Sec. 19-T16S-R26E
Grand County, Utah

12-04-87 - PO: Prepare to frac. SITP 495#, SICP 565#, Running BHP buildup. Pressure after 15.5 hrs SI 549#. Blow csng for 40 min and no apparent communication. RU Dowell to frac. Sand transport late and SDFN. Plan to frac down 2-3/8" tbng. Will spot gel plug across existing perfs & pressure back side to 1000#.

DC: \$3,350
CC: \$27,718

12-05-87 - PO: Flow testing. FTP 160#, 20 hrs. 18/64" choke, SICP 545#, 67-1/2 hrs. Pumped 10 bbls Kcl thru tbng. Changed out TI with valve. RU Dowell, load backside with cross link gel & N2. Test line to 7500#, frac down 2-3/8" tbng with 33,600 gals of 75% quality foam with 21,500# 20/40 sand. Screened out at 3# per gal at 7200# at 12 BPM, max pressure 7200#, MIR 12 BPM, avg. 12 BPM @ 5300#. ISIP 6500#, 5 min 4990#, 10 min 4516#, 15 min 4378#. Flow back on 28/64" choke. Well flowing sand. Changed chokes to 24/64", 20/64" and to 18/64" choke. Flowing at 160#, 18/64" choke @ 7 a.m.

DC: \$25,371
CC: \$53,089

12-06-87 - PO: Flow testing after frac. Flow test. Installed 12/64" choke @ 10 a.m. 12-5-87. Opened at 250#, increased to 340# in 6 hrs.

DC: \$1,284
CC: \$54,373

12-07-87 - PO: Prepare to move to next zone. 24 hr. flow test on 12/64" choke @ 355#, very small amount of fluid. FTP 355#, SICP 545#, est. 284.7 MCF in 24 hrs.

DC: \$420
CC: \$54,793

12-08-87 - PO: TI to tag sand prior to acidizing. Mix 80 bbls 3% Kcl water and clay stabilizer, kill csng with 21.6 bbls 3% kcl. Kill tbng with 10.8 bbls 3% Kcl. Release pkr & pulled tight for 2 stands. TO with tbng & pkr. Pulled tight @ 41-46 stands out. Well kicked off with 46 stands out. kill with 10 bbls 3% Kcl. Finish TO & LD pkr. PU RBP & setting tool. RIH & set RBP @ 4521'. POOH & well kicked off 10 stands out. Kill with 10 bbls 3% Kcl & finish trip. LD setting tool, 1/2 dump 600# 20/40 sand followed with 16 bbls 3% Kcl water. close in & SDFN

DC: \$2,839
CC: \$57,632

WORKOVER REPORT

San Arroyo State #24
Sec. 19-T16S-R26E
Grand County, Utah

12-09-87 - PO: Prepare to acidize. SICP 45#, blew down in 5 min., TIH with 1 jt tbng & notched collar & tension pkr. Run 70 stands & 1 single of 2-3/8" tbng. Tag sand @ 4471'. WO Dowell. RU Dowell. SDFN. Acidize 12-9-87

DC: \$2,166
CC: \$59,798

12-10-87 - PO: Prepare to frac. NU Dowell. Load back side with 42 bbls Kcl water. Spot 5 gals of 15% Hcl with 17 bbls 3% Kcl water thru tbng. ND Dowell, pull 2 stands and set pkr @ 4307' with 18,000# over pull. NU Dowell test lines to 5000#. Acidize with 1225 gals 15% Hcl with A-25 L55 & L58 & surfactant & 65 1.3 NCB sealers. Broke down @ 2900#, no ball action. Final testing pressure 2100#. ISIP 1200#, 0# in 5 min. Max pressure 2900#, avg. pressure 2500#, AIR 6 BPM, avg 5 BPM, ND Dowell. SDFN

DC: \$3,707
CC: \$63,505

DRILLING REPORT

San Arroyo Unit #24
Sec. 19 T16S-R26E
Grand County, Utah

12-11-87 - FTP 60 psig. SICP 0#.. Remove 12/64" choke and blow down well. Release packer and tag sand at 4471'. Spot 100# 100 mesh sand from 4471' - 4460' with 17 Bbls 3% Kcl water. Reset packer at 4307' w/ 20,000# overpull. RU Dowell, test lines to 8,000 psig and frac Dakota perfs 4427-4451' with 60,700 gal 75% quality foam containing 15,000# 100 mesh sd and 40,000# 20-40 sd. Max pressure 6050 psig., final pressure 5644 psig, avg. pressure 5850 psig. AIR 12 BPM. ISIP 3650 psig, 5 min 3524 psig. 10 min. 3428 psig, 15 min. 3377 psig, 30 min. 3263 psig. Rig down Dowell. 1:00-3:00 SI. 3:00-7:00. Flow back frac on 18/64" choke. Initial pressure 2900 psig, FTP 2500 psig. Dropped to 500 psig in two hrs, holding fairly steady. Flowing back fluid with no noticeable sand.

DC: \$34,058
CC: \$99,616

12-12-87 - Prepare to rls prk. Csg 4½" 10.5# J-55. Surface to TD. ID 3.972. PB TD 4996'. TD 5039'. BP set at 4725'. Ret BP @ 4521'. Pkr @ 4307'. Open perfs 4427-51. 4499-4505. 4609-34. Flow back rates: 238 MCF at 7 am. 92 Bbls. 646 MCF @ 3 pm. 130 Bbls. 714 MCF @ 7 am. 217 Bbls.

DC: \$2612
CC: \$102,227

12-13-87 - Blow down csg. Load tbq w/ 21.6 Bbls 3% Kcl. Kill well. Unseat Pkr & TOH. Ld prk - pkr rubbers torn. P/U Hydrostatic bailer assembly & TIH. Tag sand @ 4468'. Bail to 4515'. No progress in 1 hr. TOH w/ Bailer. Rec. 420' of Drlg water & 60' sd w/ frac balls & pkr rubber. TIH w/ bailer. Tag sd @ 4508'. Bail to 4521'. Latch into RBP & TOH. Rec 240' dirty water & 60' sd. Well kicking through csg. Close blinds. LD bailer & RBP. Draining & SDFN.

DC: \$1595
CC: \$103,823

12-14-87 - 7:00 - 5:00 - Thaw out rig tank valves, MI 70 Bbls Kcl. 8:00 - 10:00. Wait on sub for ball valve. 10:00 -11:00- kill well with 48.6 Bbls 3% Kcl. 11:00 - 12:30 - PU Bailer assembly. RIH & tag sand @4650'. Bail to 4696'. Kill well through tbq. & csg. w/ 21 Bbls Kcl. 1:00 - 5:00. TOH - Kill well with 17 Bbls

San Arroyo Unit #24
Sec. 19 T16S-R26E
Grand County, Utah

3% Kcl. Finish LD Tbg & Bailer, Rec. 90' and 30' sand. Close blinds - drain up and SDON.

DC: 34,341
CC: 107,257

12-15-87 - 7:00 - 2:00 Thaw out valves. Kill well with 45 Bbls 3% Kcl. TIH w/ seating nipple. Below 143 lbs. 2 3/8" EUE J-55 tbg. Well K/o through tbg. Kill tbg & land tbg @ 4399.85 GLM. ND BOP. N/U tree. Hook up flow line to frac tank
2:00 - 3:00 Clean out tank and release 1 frac tank. Release BOP & Accumulator. Release rig @ 3:00 p.m. 12-14-87. Left 306' prod. tbg. on location. = 9215'. Left 166 stds 2 3/8" N-80 tbg on loc. not strapped.

DC: \$1445
CC: \$108,702

12-16-87 - Flowed well on 24/64" choke for 43 hrs. 280 psig. Flow rate calculated at 1003 MCF.

DRILLING REPORT

San Arroyo Unit #24
 Sec. 19-T16S-R26E
 Grand County, Utah

12-17-87 - Well flowing on 24/64" ch for 49 1/2 hrs w/ 280 psig. Changed choke to 20/64" for 15 hrs. Pressure gradually increasing to 350 psig. Calculated 885 MCF. Well shut-in at 7:00 a.m. 12/17/87. Wait on pipeline connection.

PRODUCTION REPORT

Week Starting 1-10-88

Week Ending 1-16-88

Date	Diff	Static	Volume	Tubing	Hrs Prod	Remarks
----	----	-----	-----	-----	-----	-----
1-7	4.4	3.9	.442	320	24	Increased Volume Today
1-8	5.5	4.0	.520	310	24	
1-9	5.3	4.0	.500	300	24	
1-10	5.0	4.0	.460	295	24	
1-11	5.0	4.0	.460	295	24	
1-12	4.9	4.0	.450	300	24	
1-13	4.9	4.0	.450	300	24	Unloaded small amt.
1-14	7.5	4.0	.635	410	24	
1-15	7.5	3.9	.630	380	24	Put tbg. controller into serv.
1-16	7.8	4.0	.699	320	24	Maintaining control on tbg press.

San Arroyo Unit #24

PRODUCTION REPORT

Week Starting 1-17-88

Week Ending 1-28-88

Date	Diff.	Static	Volume	Tubing	Hrs. Prod.	Remarks
----	----	-----	-----	-----	-----	-----
1-17	7.2	4.2	.623	310	24	
1-18	7.0	4.0	.620	305	24	
1-19	7.0	4.2	.620	305	24	
1-20	5.1	4.3	.332	320	16	Controller shut off
1-21	6.8	4.3	.570	310	24	
1-23	6.5	4.4	.570	305	24	
1-24	7.2	4.2	.620	305	24	
1-25	6.8	4.1	.590	305	24	
1-26	6.5	4.2	.570	310	24	
1-27	6.2	4.3	.531	310	24	
1-28	6.1	4.3	.523	310	24	

Week Starting 1-29-88

Week Ending 2-1-88

Date	Diff	Static	Volume	Tubing	Hrs. Prod.	Remarks
----	----	-----	-----	-----	-----	-----
1-29	6.1	4.3	.523	310	24	
1-30	6.1	4.3	.523	305	24	
1-31	6.2	4.2	.519	300	24	
2-1	6.3	4.4	.550	305	24	
2-2	6.0	4.5	.520	310	24	Opened Tubing Controller
2-3	5.8	4.4	.500	270	24	
2-4	5.6	4.4	.526	260	24	
2-6	5.8	4.4	.500	260	24	
2-7	5.9	4.5	.510	260	24	
2-8	6.0	4.5	.515	260	24	
2-9	6.0	4.5	.515	260	24	
2-10	5.9	4.4	.510	265	24	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instruction on re-
verse side)

Form approved:
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-06188

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Arroyo

8. OWNER OR LEASEE NAME

San Arroyo

9. WELL NO.

Unit No. 24

10. FIELD AND POOL, OR WILDCAT

San Arroyo

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 19 T16S, R26E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to...
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Birch Corporation

3. ADDRESS OF OPERATOR

3801 East Florida Ave Suite #900 Denver CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2450 NFL 1495 FWL

14. PERMIT NO.

43-019-15903

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

This well was recompleted as per the attached procedure. The workover was started
on 11-28-87 and finished on 12-17-87.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operations Manager

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BIRCH CORP
1-303-759-4400

~~DEBRA CHRISTENSEN~~
CINDY BOCKENSTEDT

7-22-63 MRSN 4794-4815
11-14-65 DKTA 4424-4520
CIBP 4725'

12-17-87 CDMTU 4609-4634
DKTA 4427-4451

SI 12-17-87

8-18-88

PER CINDY, WELL WAS LISTED AS SI ON
THE WCR - BUT ONLY UNTIL HOOKUP. WELL
IS NOW A PRODUCER.

CINDY WILL SEND SUNDRY STATING
WELL WAS CO-MINGLED DK-CM
AS OF 12-18-87.

ULC-DOGM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
 (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug down a well. Use "APPLICATION FOR PERMIT—" for that purpose.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED AUG 25 1988	3. LEASE DESIGNATION AND SERIAL NO. U-06188
2. NAME OF OPERATOR The Birch Corporation			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 5427 T.A. Denver, CO 80217			7. UNIT AGREEMENT NAME San Arroyo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2450' FNL 1495' FWL			8. FARM OR LEASE NAME San Arroyo
14. PERMIT NO. 43-019-15903		15. ELEVATIONS (Show whether OF, ST, OR, etc.)	9. WELL NO. Unit No. 24
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		10. FIELD AND FOOT, OR WILDCAT San Arroyo	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *		11. SEC. T. R. N., OR S.E. AND SURVEY OR AREA Sec. 19, T16S, R26E	
18. I hereby certify that the foregoing is true and correct		12. COUNTY OR PARISH Grand	
19. SIGNED _____		13. STATE Utah	

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Commingling</u>	<input checked="" type="checkbox"/>
(Other) _____			
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

As of the December 17, 1987 recompletion, the well was duall completed and commingled in the Cedar Mountain and Dakota formations.

18. I hereby certify that the foregoing is true and correct

SIGNED _____

TITLE Operations Manager

DATE 8/22/88

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Graham Royalty, Ltd.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1675 Larimer Street, Suite 400, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
DIVISION OF OIL, GAS & MINING		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

RECEIVED
MAY 01 1989

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANN <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Change of Operator	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective April 1, 1989 Graham Royalty, Ltd. took over as operator from Birch Corporation on various wells in the San Arroyo Field.

The attached Exhibit shows a list of wells and their location.

18. I hereby certify that the foregoing is true and correct

SIGNED Wilbur L. Dover TITLE Vice President DATE April 25, 1989
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

San Arroyo	1	Entrada Unit	SE NW Sec. 26-16S-25E	Grand Co., UT
San Arroyo	2	Entrada Unit	SE NW Sec. 22-16S-25E	Grand Co., UT
San Arroyo	3	Entrada Unit	SE NW Sec. 23-16S-25E	Grand Co., UT
San Arroyo	5	Entrada Unit	NW SE Sec. 25-16S-25E	Grand Co., UT
San Arroyo	6	Entrada Unit	SW NE Sec. 21-16S-25E	Grand Co., UT
San Arroyo	40	Entrada Unit	NW NE Sec. 27-16S-25E	Grand Co., UT

San Arroyo	4	Dakota Unit	SE SW Sec. 30-16S-26E	Grand Co., UT
San Arroyo	8	Dakota Unit	SW SW Sec. 16-16S-25E	Grand Co., UT
San Arroyo	9	Dakota Unit	NW NE Sec. 27-16S-25E	Grand Co., UT
San Arroyo	11	Dakota Unit	NE SW Sec. 15-16S-25E	Grand Co., UT
San Arroyo	12	Dakota Unit	SW SW Sec. 23-16S-25E	Grand Co., UT
San Arroyo	13	Dakota Unit	NE SW Sec. 22-16S-25E	Grand Co., UT
San Arroyo	16	Dakota Unit	SE SW Sec. 26-16S-25E	Grand Co., UT
San Arroyo	17	Dakota Unit	NE NE Sec. 24-16S-25E	Grand Co., UT
San Arroyo	18	Dakota Unit	NW NW Sec. 30-16S-26E	Grand Co., UT
San Arroyo	19	Dakota Unit	SW SE Sec. 14-16S-25E	Grand Co., UT
San Arroyo	20	Dakota Unit	SE NE Sec. 26-16S-25E	Grand Co., UT
San Arroyo	21	Dakota Unit	NW SE Sec. 25-16S-25E	Grand Co., UT
San Arroyo	22	Dakota Unit	NE NE Sec. 15-16S-25E	Grand Co., UT
San Arroyo	24	Dakota Unit	SE NW Sec. 19-16S-25E	Grand Co., UT
San Arroyo	25	Dakota Unit	SW NE Sec. 21-16S-25E	Grand Co., UT
San Arroyo	26	Dakota Unit	SW SW Sec. 20-16S-26E	Grand Co., UT
San Arroyo	27	Dakota Unit	NE SW Sec. 29-16S-26E	Grand Co., UT
San Arroyo	28	Dakota Unit	NW NE Sec. 29-16S-26E	Grand Co., UT
San Arroyo	29	Dakota Unit	NE NE Sec. 22-16S-26E	Grand Co., UT
San Arroyo	30	Dakota Unit	NW SW Sec. 21-16S-26E	Grand Co., UT
San Arroyo	31	Dakota Unit	NW NW Sec. 22-16S-25E	Grand Co., UT
San Arroyo	32	Dakota Unit	SW SW Sec. 14-16S-25E	Grand Co., UT
San Arroyo	33	Dakota Unit	SW SW Sec. 25-16S-25E	Grand Co., UT
San Arroyo	35	Dakota Unit	SE SW Sec. 24-16S-25E	Grand Co., UT
San Arroyo	36A	Dakota Unit	SE SE Sec. 19-16S-26E	Grand Co., UT
San Arroyo	37	Dakota Unit	SW NE Sec. 20-16S-26E	Grand Co., UT
San Arroyo	38	Dakota Unit	SW NE Sec. 16-16S-25E	Grand Co., UT

Arco Fed. 27-1	NW SW Sec. 27-16S-25E	Grand Co., UT
Arco State 2-1	NW SW Sec. 2-16S-24E	Grand Co., UT
Arco State 2-2	NW SW Sec. 2-16S-24E	Grand Co., UT
Arco State 36-7	NW SW Sec. 36-15S-24E	Grand Co., UT
Arco State 36-8	NW SW Sec. 36-15S-24E	Grand Co., UT
Federal 174-1	SE SW Sec. 11-16S-25E	Grand Co., UT
Bittercreek #1	SE SW Sec. 2-16S-25E	Grand Co., UT
Black Horse 31-1	SE SW Sec. 31-15S-24E	Grand Co., UT
Fed. Gilbert #1	SE SW Sec. 31-15S-24E	Grand Co., UT

per Jackie Cannon from Buch, Graham Royalty does not own
 this well. JS 5/15/84



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 2 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GRAHAM ROYALTY, LTD.
1675 LARIMER STREET
DENVER CO 80202
ATTN: CINDI ROBBINS

Utah Account No. N0505

Report Period (Month/Year) 5 / 89

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
SAN ARROYO 22			DKTA				
4301915902 00500 16S 25E 15			DKTA				
SAN ARROYO #24			DK-CM				
4301915903 00500 16S 26E 19			DK-CM				
SAN ARROYO 25			DKTA				
4301915904 00500 16S 25E 21			DKTA				
SAN ARROYO #26			DK-MR				
4301915905 00500 16S 26E 20			DK-MR				
SAN ARROYO 27			DKTA				
4301915906 00500 16S 26E 29			DKTA				
SAN ARROYO 28			DKTA				
4301915907 00500 16S 26E 29			DKTA				
SAN ARROYO 29			DKTA				
4301915908 00500 16S 25E 22			DKTA				
SAN ARROYO #30			DKTA				
4301915909 00500 16S 26E 21			DKTA				
SAN ARROYO 31			DKTA				
4301930527 00500 16S 25E 22			DKTA				
SAN ARROYO 32			DKTA				
4301930528 00500 16S 25E 14			DKTA				
ARCO 27-1			DKTA				
4301930570 00500 16S 25E 27			DKTA				
SAN ARROYO 33			DKTA				
4301930608 00500 16S 25E 25			DKTA				
SAN ARROYO UNIT #36-A			DK-MR				
4301931251 00500 16S 26E 19			DK-MR				
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date

Authorized signature

Telephone

PLEASE COMPLETE FORMS IN BLACK INK

June 6, 1989

RECEIVED
JUN 08 1989

DIVISION OF
OIL, GAS & MINING

State of Utah
Natural Resources
Oil & Gas Program
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turn-around document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins

C. C. Robbins
Reg. Affairs Supervisor

CCR/ng

June 6, 1989

RECEIVED
JUN 08 1989

State of Utah
Natural Resources
Oil & Gas Program
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turn-around document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

C. C. Robbins

C. C. Robbins
Reg. Affairs Supervisor

CCR/ng

STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 12 1990DIVISION OF
OIL, GAS & MININGDESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or other extraction plant operator or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah, hereby appoint

Northstar Gas Company, Inc.256 E. North Sam Houston Parkway, Suite 250(Address)Houston, Texas 77060

(his, her or its) designated agent to accept and to be served with notices from the Board and Division Director or Authorized Agent in accordance with the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with the statute and/or rules.

Effective Date of Designation March 1, 1990Company Graham Royalty, Ltd.Phone (303) 629-1736Address 1675 Larimer Street, Suite 400Denver, Colorado 80202

By

Wilbur L. Dover
(Signature)

Wilbur L. Dover

Title Vice President/Division Manager

NORTHSTAR GAS COMPANY

256 E. North Sam Houston Parkway, Suite 250, Houston, Texas 77060
(713) 820-6886

RECEIVED
APR 09 1990
FAX: (713) 820-6885

April 5, 1990

Utah Natural Resources
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

To Whom It May Concern:

Northstar Gas Company is the new operating agent for Graham Royalty, Ltd. Please make any corrections necessary so we may receive our correspondence from your agency. The new information is as follows:

Northstar Gas Company
256 E. North Sam Houston Parkway, Suite 250
Houston, Texas 77060
713-820-6886

Thank you.

Sincerely,

Paul A. Bernard, Jr. / LR
Paul A. Bernard, Jr.
Controller

NORTHSTAR GAS COMPANY

PAB/lr
Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC
GRAHAM ROYALTY LTD
15000 NW FREEWAY STE 203
HOUSTON TX 77040UTAH ACCOUNT NUMBER: N0505REPORT PERIOD (MONTH/YEAR): 6 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22								
✓4301915902	00500	16S 25E 15	DKTA	U-05011-A				
SAN ARROYO #24								
✓4301915903	00500	16S 26E 19	DK-CM	U-06188				
SAN ARROYO 25								
✓4301915904	00500	16S 25E 21	DKTA	U-025244				
SAN ARROYO #26								
✓4301915905	00500	16S 26E 20	DK-MR	U-025291				
SAN ARROYO 27								
✓4301915906	00500	16S 26E 29	DKTA	U-06021				
SAN ARROYO 28								
✓4301915907	00500	16S 26E 29	DKTA	U-05650				
SAN ARROYO 29								
✓4301915908	00500	16S 25E 22	DKTA	U-0370-A				
SAN ARROYO #30								
✓4301915909	00500	16S 26E 21	DKTA	U-05650				
SAN ARROYO 31								
✓4301930527	00500	16S 25E 22	DKTA	U-0370-A				
SAN ARROYO 32								
✓4301930528	00500	16S 25E 14	DKTA	U-050118				
ARCO 27-1								
✓4301930570	00500	16S 25E 27	DKTA	U-29645		NON UNIT WELL	Btm/mo 6	NAPRU eff. 1-10-94
SAN ARROYO 33								
✓4301930608	00500	16S 25E 25	DKTA	U-0369				
SAN ARROYO UNIT #36-A								
✓4301931251	00500	16S 26E 19	DK-MR	U-06188				
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

RECEIVED

JUL 16 1993

July 14, 1993

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Ms. Lisha Cordova

Dear Ms. Cordova,

Effective August 1, 1993 we would like to change our operator name from Graham Royalty, Ltd. to Graham Energy, Ltd. Per our conversation this date it should be a simple change as no bond changes are required.

Attached is a list of the wells affected. Thank you.

Sincerely,


Cynthia C. Robbins
Regulatory Affairs Supervisor

CC: Ken McKinney

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
Operator Change

_____(Location) Sec _____ Twp _____ Rng _____
(API No.) _____1. Date of Phone Call: 7-19-93 : Time: 3:002. DOGM Employee (name) L. Cordova (Initiated Call ☒)
Talked to:Name Cynthia Robbing (Initiated Call ☐) - Phone No. (303) 629-1736
of (Company/Organization) Graham3. Topic of Conversation: Confirm address for Graham Energy LTD.

4. Highlights of Conversation: _____

Agent "Northstar Gas Co. Inc." is to remain the same as is Houston
mailing address. Change address for Graham Energy LTD from
LA to TX. (updated 7-22-93)# 931116 - Linda Goldsby "Graham" referred to Btm /S.Y.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-SJ
2-DTS	8-FILE
3-VLC	
4-RJE	
5-ELC	
6-FL	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-93)

TO (new operator) GRAHAM ENERGY LTD
 (address) C/O NORTHSTAR GAS CO INC
15000 NW FREEWAY STE 203
HOUSTON, TX 77040
 phone (713) 937-4314
 account no. N 7590

FROM (former operator) GRAHAM ROYALTY LTD
 (address) C/O NORTHSTAR GAS CO INC
15000 NW FREEWAY STE 203
HOUSTON, TX 77040
 phone (713) 937-4314
 account no. N 0505(A)

Well(s) (attach additional page if needed):

***SAN ARROYO UNIT, NW-115, ETC.**

Name: **SEE ATTACHED**	API: <u>019-15903</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-16-93)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). See Graham Royalty, LTD, Graham Energy, LTD and Graham Resources Inc.
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: #100783.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (1-10-94)
- Lee 6. Cardex file has been updated for each well listed above. (1-10-94)
- Lee 7. Well file labels have been updated for each well listed above. (1-10-94)
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (1-10-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) * 50,000 Surety * St. Paul Fire and Marine Ins. Co. No chg. necessary, no Fee wells currently associated with bond.

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- Sec 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: March 10 19 94.

FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

94/107 Btm/S.Y. Approved C.A. NW-115 and San Arroyo Unit eff. 12-29-93.

S. E. U. T. CO.

**Accommodation Recording
Not Examined**

**ASSIGNMENT, BILL OF SALE
AND CONVEYANCE**

Entry No. **429639**
Recorded 10-22-93 2 36 PM
Bk. 457 Pg. 83 Fee 80.00
96
Marlene Masher
Recorder of Grand County

This Assignment, Bill of Sale and Conveyance ("Assignment"), is from each of Prudential-Bache Energy Growth Fund, L.P. G-1 and Prudential-Bache Energy Growth Fund, L.P. G-2, each a Delaware limited partnership and acting herein through their general partner, Graham Energy, Ltd. (collectively, "Assignor"), to Northstar Gas Company, Inc. ("Assignee"). Assignor has an address of 109 Northpark Boulevard, Covington, Louisiana 70433, and Assignee has an address of 15000 Northwest Freeway, Suite 203, Houston, Texas 77040.

For, and in consideration of Ten Dollars (\$10.00) cash and other good and valuable consideration in hand paid, the receipt and adequacy of which are hereby acknowledged, each Assignor does hereby, severally, and not jointly, Bargain, Sell, Transfer, Set Over, Grant, Assign, Convey and Deliver unto Assignee, all of such Assignor's right, title, interest and estate in and to the oil and gas properties described on Exhibit "A" (the "Oil and Gas Properties"). The Oil and Gas Properties shall include all mineral interests, working interests, overriding interests, reversionary interests, net profits interests, net revenue interests and any other interest of any kind without warranty of title either express or implied, to the extent they are owned and may be conveyed by Sellers.

The Oil and Gas Properties shall include, to the extent each Assignor may lawfully assign same, all of such Assignor's rights, title, interest and estate in and to the property and rights incident, and to the extent attributable, to the Oil and Gas Properties, the lands covered thereby or utilized therewith, including, without limitation, (i) all presently existing pooling or unitization agreements and the units created thereby, and all units formed by virtue of orders issued by applicable State regulatory agencies, (ii) all presently existing operating agreements and all other contracts, agreements and records, (iii) all personal property, easements, permits, surface leases, servitudes and rights-of-way situated upon or used in connection with the production, treating, storing or transportation of oil, gas or other hydrocarbons or minerals.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Assignee and its successors and assigns forever.

NOTWITHSTANDING ANY PROVISION IN THIS ASSIGNMENT OR ANY DOCUMENT DELIVERED IN CONNECTION HERewith TO THE CONTRARY, THE OIL AND GAS PROPERTIES AND ANY OTHER PROPERTY OR RIGHTS CONVEYED HEREUNDER ARE CONVEYED "AS IS," "WHERE IS," "WITH ALL FAULTS," AND IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING WARRANTY OF TITLE OR ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OR AS TO ANY CLAIM BY ASSIGNEE FOR DAMAGES BECAUSE OF DEFECTS, WHETHER KNOWN OR UNKNOWN, OR ANY OTHER SORT OF WARRANTY. ASSIGNEE HAS INSPECTED, OR HAS HAD THE OPPORTUNITY TO INSPECT, THE OIL AND

GAS PROPERTIES AND PREMISES FOR ALL PURPOSES, INCLUDING WITHOUT LIMITATION FOR THE PURPOSE OF DETERMINING THE PRESENCE OF ENVIRONMENTAL CONDITIONS, OF DETECTING THE PRESENCE OF NATURALLY OCCURRING RADIOACTIVE MATERIAL "(NORM)" AND MAN-MADE MATERIAL FIBERS "(MMMF)" AND HAS SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITIONS, BOTH SURFACE AND SUBSURFACE. ASSIGNEE ACCEPTS ALL OF THE SAME IN THEIR "AS IS," "WHERE IS," CONDITION, AND EACH ASSIGNOR EXPRESSLY DISCLAIMS ANY LIABILITY ARISING IN CONNECTION WITH ANY PRESENCE OR ENVIRONMENTAL CONDITIONS, NORM OR MMMF ON THE OIL AND GAS PROPERTIES.

From and after the Effective Time, Assignee hereby agrees to assume, be bound by and subject to each Assignor's express and implied covenants, rights, obligations and liabilities with respect to the Oil and Gas Properties, and Assignee's interest in the Oil and Gas Properties shall bear its proportionate share of royalty interests, overriding royalty interests and other payments out of or measured by production from and after the Effective Time.

This Assignment is made expressly subject to all existing overriding royalties or other burdens affecting the Oil and Gas Properties as listed on Exhibit "A."

Assignee and its permitted successors and assigns shall preserve and maintain all lease, contract and title files, well logs, well files, division orders and related files, title documentation, correspondence and other data and records in the possession of Assignor pertaining to the Oil and Gas Properties (the "Records") for a period of two (2) years from the date of acknowledgement of this Assignment, during such period shall afford Assignor and its duly authorized representatives access at all reasonable times during normal business hours to all Records as Assignor shall request in order to defend against, oppose or otherwise investigate any claims or potential claims against Assignor arising as a result of any acts, events or operations prior to the date of acknowledgement of this Assignment or as a result of this Assignment, and shall make any conveyance or transfer of the Oil and Gas Properties specifically subject to the obligations of this paragraph.

Notwithstanding any other provision herein to the contrary, this Assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made to Assignors in respect of the Oil and Gas Properties or any part thereof.

The provisions hereof shall be covenants running with the land and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

In the event two or more Oil and Gas Properties cover the same land (e.g., an oil and gas leasehold interest included within the Oil and Gas Properties may cover the same land as a mineral, royalty or overriding interest included within the Oil and Gas Properties), no merger of title shall occur, and each of the Oil and Gas Properties covering the same land is conveyed and shall be owned by Assignee as a separate and distinct property.

Separate assignments of certain of the Oil and Gas Properties may be executed on officially approved forms by Assignor to Assignee in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Those assignments shall be deemed to contain all of the exceptions, reservations, rights, titles, power and privileges set forth herein as fully as though they were set forth in each such assignment. The interests conveyed by such separate assignments are the same, and not in addition to, the Oil and Gas Properties conveyed herein.

The parties agree to take all such further actions and execute, acknowledge and deliver all such further documents that are necessary or useful in carrying out the purposes of this Assignment. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders and other documents and to do all such other and further acts and things as may be necessary to more fully and effectively grant, convey and assign to Assignee the Oil and Gas Properties conveyed hereby or intended so to be.

This Assignment may be executed in any number of counterparts, and each counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one assignment.

References in this Assignment and in Exhibit "A," to contracts, agreements or instruments shall not be deemed to create any rights in favor of any third party.

Assignee joins in the execution hereof for the purpose of being bound by all the terms, provisions, obligations and covenants herein specified.

IN WITNESS WHEREOF, this instrument is signed and executed in multiple counterparts as of the date (s) set forth on the acknowledgements hereto, but, shall be effective for all purposes as of 7:00 o'clock A.M., local time, September 1, 1993 (the "Effective Time").

ASSIGNORS:

PRUDENTIAL-BACHE ENERGY
GROWTH FUND, L.P. G-1

ATTEST:

By: _____

By: Graham Energy, Ltd.,
as General Partner

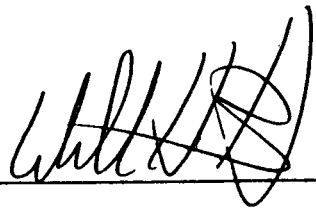
By: _____

Kenneth M. McKinney
Vice President

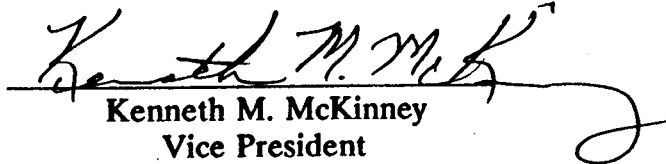
[SEAL]

PRUDENTIAL-BACHE ENERGY
GROWTH FUND, L.P. G-2

ATTEST:

By: 

By: Graham Energy, Ltd., as
General Partner

By: 
Kenneth M. McKinney
Vice President


[SEAL]

WITNESSES TO ASSIGNORS'
SIGNATURES:

Muna E. Merc

Belinda J. Hertz

ATTEST:

By: 

ASSIGNEE:

NORTHSTAR GAS COMPANY, INC.

By: 
O. J. King
Vice President

[SEAL]

WITNESSES TO ASSIGNEE'S
SIGNATURE:

Muna E. Merc

Belinda J. Hertz

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-1, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-1.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

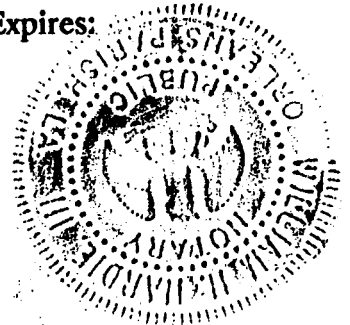


NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

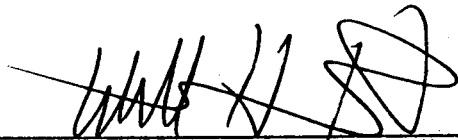


STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-2, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-2.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.



NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]

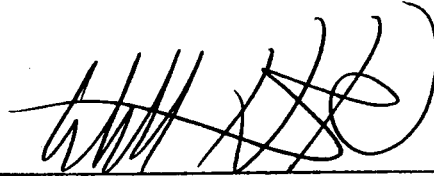


STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th day of October, 1993, before me, the undersigned Notary, personally appeared O. J. King, who acknowledged that he is the Vice President of Northstar Gas Company, Inc., a Texas corporation, and that as Vice President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.



NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III
NOTARY PUBLIC
Parish of Orleans, State of Louisiana
My Commission is issued for Life.

[SEAL]



EXHIBIT "A"
ATTACHED TO ASSIGNMENT,
BILL OF SALE AND CONVEYANCE
PART I
LANDS AND LEASES
ALL IN GRAND COUNTY, UTAH UNLESS OTHERWISE SPECIFIED

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
ML-22208 (1038)	State of Utah	Atlantic Richfield Company	T15 1/2S, R24E, S1M Sec. 36: All T16S, R24E, S1M Sec. 2: All	220	177	9-28-64	ARCO State 2-1, 2-2, 36-7, 36-8
U-29645 (1174)	U.S.A.	Atlantic Richfield Company	T16S, R25E, S1M Sec. 27: SW/4, S/2 SE/4 Sec. 34: NE/4, NE/4 NW/4, NE/4 SE/4			5-1-75	ARCO 27-1 Valentine Fed #2 ARCO Fed D-1
ML-25151 (191-1)	State of Utah	Sinclair Oil & Gas Company	T16S, R25E, S1M Section 2: All	163	390	3-7-68	Bittercreek #1
J-0126528 (174-1)	U.S.A.	James F. Gilbert	T16S, R25E, S1M Sec. 11: N/2, N/2 SW/4, SE/4 SW/4, SE/4 Sec. 12: S/2			12-1-63	Federal Gilbert #1 Federal 174-1 ARCO Fed H-1
U-0141420 (180-1)	U.S.A.	Sinclair Oil Company	T16S, R25E, S1M Sec. 11: SW/4 SW/4			8-1-64	Federal 174-1
ML-4113 (44-1)	State of Utah	Lois A. Aubrey	T16S, R25E, S1M Sec. 16: All	6-Q	207	1-2-52	San Arroyo Unit Area
U-05011-A (45-2)	U.S.A.	Pierce T. Norton	T16S, R25E, S1M Sec. 14: NW/4, SE/4 SE/4, N/2 SE/4, NE/4 SW/4 Sec. 15: NE/4			9-1-51 *4-1-55	Tenneco Fed 14-2 San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"

PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-0369 (46-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 23: N/2 Sec. 24: W/2, SE/4, S/2 NE/4 Sec. 25: All Sec. 26: N/2 S/2, SE/4 SW/4, S/2 SE/4			2-1-51	San Arroyo Unit Area
SL-071307 (47-1)	U.S.A.	James E. Croudace	T16S, R25E, SLM Sec. 23: S/2 Sec. 26: N/2			12-1-50	San Arroyo Unit Area
U-0370-A (48-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 21: E/2 NE/4, NE/4 SE/4 Sec. 22: All Sec. 27: NE/4, NE/4 NW/4, NE/4 SE/4			2-1-51 *6-1-55	San Arroyo Unit Area
U-05059-A (49-2)	U.S.A.	L. J. Batchelor	T16S, R25E, SLM Sec. 15: NW/4 SW/4, E/2 NW/4, SW/4 NW/4			10-1-51 *9-19-61	San Arroyo Unit Area
U-06021 (51-1)	U.S.A.	Fred A. Moore	T16S, R26E, SLM Sec. 29: S/2, S/2 NW/4, NW/4 NW/4			2-1-52	San Arroyo Unit Area
U-06023 (52-1)	U.S.A.	Adiel E. Stewart	T16S, R26E, SLM Sec. 30: All Sec. 31: N/2 N/2			2-1-52	San Arroyo Unit Area
U-06188 (53-1)	U.S.A.	C. M. Rood	T16S, R26E, SLM Sec. 19: SW/4, S/2 NW/4, W/2 SE/4, SE/4 SE/4			*3-1-52	San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"

PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-05011-B (56-1)	U.S.A.	Pierce T. Norton	T16S, R25E, SLM Sec. 14: SW/4 SE/4, W/2 SW/4, SE/4 SW/4 Sec. 15: SE/4			9-1-51 *2-1-57	San Arroyo Unit Area
U-05059-C (57-1)	U.S.A.	L. J. Batchelor	T16S, R25E, SLM Sec. 15: E/2 SW/4, SW/4 SW/4			*3-1-57	San Arroyo Unit Area
U-025243 (60-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 24: W/2 NE/4			*8-27-57	San Arroyo Unit Area
U-025245 (61-1)	U.S.A.	Fred A. Moore	T16S, R26E, SLM Sec. 29: NE/4 NW/4			2-1-52 *9-1-57	San Arroyo Unit Area
U-025297 (64-2)	U.S.A.	C. M. Rood	T16S, R26E, SLM Sec. 19: W/2 W/2 S/2 NE/4, NE/4 SE/4 Sec. 20: W/2			3-1-52	San Arroyo Unit Area
U-06188-B (74-1)	U.S.A.	Sinclair Oil Corporation	T16S, R25E, SLM Sec. 35: W/2			3-1-52	San Arroyo Unit Area
U-05059-F (134-1)	U.S.A.	L. J. Batchelor	T16S, R25E, SLM Sec. 15: NW/4 NW/4			10-1-51 *9-19-61	San Arroyo Unit Area
U-025243-A (139-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 26: SW/4 SW/4			2-1-51 *1-1-61	San Arroyo Unit Area
U-05650 (176-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, SLM Sec. 21: Lots 2, 3, 4, W/2 W/2 Sec. 20: E/2 Sec. 28: Lots 1, 2, 3, 4 W/2 W/2 Sec. 29: NE/4			12-1-51	San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"

PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-0136529 (4000-1)	U.S.A.	Clair D. Jones	T16S, R25E, SLM Sec. 21: W/2 NE/4, E/2 NW/4, W/2 SE/4, SE/4 SE/4, NE/4 SW/4, Sec. 27: W/2 NW/4, SE/4 NW/4, NW/4 SE/4 Sec. 28: NE/4 NE/4			2-1-51 *1-22-64	San Arroyo Unit Area
U-05650-A (177-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, SLM Sec. 21: Lot 1			12-1-51 *10-1-61	San Arroyo Unit Area
U-9831 (949)	U.S.A.	Williams H. Short, Jr. and Franklin Knobel	T16S, R25E, SLM INSOFAR AND ONLY INSOFAR as said lease covers: Sec. 6: All			10-10-69	ARCO Fed B-1
U-14234	U.S.A.	Arthur E. Meinhart	T15S, R24E, SLM Sec. 30: All Sec. 31: All Uintah Co., UT			4-1-71	Black Horse Canyon Federal 31-1

Lease Segregated Effective

EXHIBIT A
Attached to Assignment,
Bill of Sale and Conveyance

Part II

[OMITTED]

EXHIBIT A
ATTACHED TO ASSIGNMENT, BILL OF SALE AND CONVEYANCE
PART III
CONTRACTS AND AGREEMENTS

**PROPERTY
REFERENCE**

- | | |
|--|--|
| San Arroyo
Unit Area | 1. Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956. |
| San Arroyo
Unit Area | 2. Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961. |
| Valentine
Fed. #2 | 3. Communitization Agreement covering the W $\frac{1}{2}$ of Section 34, T16S-R25E. |
| ARCO
Fed. D-1 | 4. Communitization Agreement covering the E $\frac{1}{2}$ of Section 34, T16S-R25E. |
| Fed. 174-1 | 5. Communitization Agreement, dated March 3, 1965 covering the W $\frac{1}{2}$ Section 11, T16S-R25E. |
| Tenneco
Fed. 14-2 | 6. Communitization Agreement dated January 1, 1980, covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| Tenneco
Fed. 14-2 | 7. Operating Agreement dated June 5, 1980, designating Tenneco Oil Company as Operator and covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| ARCO
Fed. H-1
Fed. D-1 | 8. Farmout Agreement and Operating Agreement dated August 16, 1982, between ARCO Oil & Gas Company and TXO Production Corp., covering the S $\frac{1}{2}$ Section 12, T16S-R25E. |
| San Arroyo
Unit Area | 9. Farmout Agreement dated June 6, 1955 by and between H. W. Dougherty and Sinclair Oil and Gas Company, covering lands in sections 21, 22, 23, 24, 25, 26 and 27, T16S-R25E. |
| ARCO
Fed. B-1,
Fed. C-1;
Valentine
Fed. #2 | 10. Farmout Agreement and Operating Agreement between ARCO Oil and Gas Company and Texas Oil and Gas Corp., dated September 30, 1979, covering all of Sections 6 and 34 and the N $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$ and S $\frac{1}{2}$ N $\frac{1}{2}$ of Section 35, T16S-R25E. |

EXHIBIT "A"
 ATTACHED TO AND MADE A PART OF THE
 ASSIGNMENT, BILL OF SALE AND CONVEYANCE
 PART IV
 INTEREST IN PROPERTIES AND WELLS

PAGE 1

PROPERTY NAME	COUNTY	STATE	OPERATOR	WORKING INTEREST DECIMAL	NET REVENUE INTEREST DECIMAL	OVERRIDING ROYALTY INTEREST DECIMAL
ARCO STATE #2-1	GRAND	UTAH	URI	1.000000000	0.875000000	
ARCO STATE #2-2	GRAND	UTAH	URI	1.000000000	0.875000000	
ARCO STATE #36-7	GRAND	UTAH	URI	1.000000000	0.875000000	
ARCO STATE #36-8	GRAND	UTAH	URI	1.000000000	0.875000000	
ARCO STATE #27-1	GRAND	UTAH	URI	1.000000000	0.875000000	
VALENTINE FED, #2	GRAND	UTAH	LONE MIN.	0.043750000	0.038281200	
FEDERAL 174 #1	GRAND	UTAH	URI	1.000000000	0.848750000	
BITTERCREEK #1	GRAND	UTAH	URI	1.000000000	0.875000000	
ARCO FEDERAL #B-1	GRAND	UTAH	LONE MIN.	0.000000000	0.000000000	0.125000000
ARCO FEDERAL #C-1	GRAND	UTAH	LONE MIN.	0.500000000	0.420000000	
ARCO FEDERAL #D-1	GRAND	UTAH	LONE MIN.	0.218750000	0.191406200	
ARCO FEDERAL #H-1	GRAND	UTAH	LONE MIN.	0.000000000	0.000000000	0.062500000
TENNECO FED. #14-2	GRAND	UTAH	LONE MIN.	0.500000000	0.412500000	
GILBERT FEDERAL #1	GRAND	UTAH	URI	1.000000000	0.845000000	

SAN ARROYO UNIT AREA
 ENTRADA PARTICIPATING AREA

SAN ARROYO #1	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #2	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #3	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #5	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #6	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #40U	GRAND	UTAH	URI	1.000000000	0.825000000
SAN ARROYO #40L	GRAND	UTAH	URI	1.000000000	0.825000000

San Arroyo Wells ARE SUBJECT TO A NET PROFITS INTEREST CREATED BY AND SUBJECT TO THAT CERTAIN
 FARMOUT AGREEMENT DATED JUNE 6, 1955.

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
Operator Change(Location) Sec _____ Twp _____ Rng _____
(API No.) _____1. Date of Phone Call: 12-9-93 Time: 3:002. DOGM Employee (name) J. Cordova (Initiated Call ☒
Talked to:Name Ken McKinney (Initiated Call ☐ - Phone No. (504) 893-8391
of (Company/Organization) Graham Royalty / Graham Energy3. Topic of Conversation: Oper. nm. chg. "Graham Royalty to Graham Energy"

4. Highlights of Conversation: _____

Add'l info. required by Btms.L. "San Arroyo Unit", also Graham Energy has sold the wells to Northstar Gas Co. Inc. Documentation will follow.* Northstar Gas Co. Inc. / Paul Bernard (713) 937-4314
Mailing documentation ASAP.

RECEIVED

DEC 30 1993

DIVISION OF
OIL, GAS & MINING

Bureau of Land Management
Branch of Fluid Minerals (UT-922)
P.O. Box 45155
Salt Lake City, Utah 84145-0155

December 29, 1993

Graham Energy, Ltd.
P.O. Box 3134
Covington, Louisiana 70434-3134

RE: San Arroyo Unit
Grand County, Utah

Gentlemen:

On December 27, 1993, we received an indenture whereby Graham Royalty, Ltd. resigned as Unit Operator and Graham Energy, Ltd. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective December 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 1845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891003859A SAN ARROYO DK MO									
891003859A	✓430191589200S1	11	NESW	15	16S	25E	PGW	UTU05059C	GRAHAM ROYALTY LIMITED
891003859A	✓430191589300S1	12	SWSW	23	16S	25E	PGW	UTSL071307	GRAHAM ROYALTY LIMITED
891003859A	✓430191589400S1	13	NESW	22	16S	25E	GS1	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430191589500X1	14	SWNE	16	16S	25E	ABD	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430191109100S1	15	NESW	21	16S	25E	TA	UTU0136529	GRAHAM ROYALTY LIMITED
891003859A	✓430191589600S1	16	SESW	26	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430191589700S1	17	NENE	24	16S	25E	PGW	UTU025243	GRAHAM ROYALTY LIMITED
891003859A	✓430191589800S1	18	NWNW	30	16S	26E	GS1	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430191589900S1	19	SWSE	14	16S	25E	PGW	UTU05011B	GRAHAM ROYALTY LIMITED
891003859A	✓430191590000S1	20	SENE	26	16S	25E	PGW	UTSL071307	GRAHAM ROYALTY LIMITED
891003859A	✓430191590100S1	21	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430191590200S1	22	NENE	15	16S	25E	PGW	UTU05011A	GRAHAM ROYALTY LIMITED
891003859A	✓430191590300S1	24	SENW	19	16S	26E	PGW	UTU06188	GRAHAM ROYALTY LIMITED
891003859A	✓430191590400S1	25	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ROYALTY LIMITED
891003859A	✓430191590500S1	26	SWSW	20	16S	26E	PGW	UTU025297	GRAHAM ROYALTY LIMITED
891003859A	✓430191590600S1	27	NESW	29	16S	26E	PGW	UTU06021	GRAHAM ROYALTY LIMITED
891003859A	✓430191590700S1	28	NWNE	29	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430191590800S1	29	NENE	22	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430191590900S1	30	NWSW	21	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430193052700S1	31	NWNW	22	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430193052800S1	32	SWSW	14	16S	25E	PGW	UTU05011B	GRAHAM ROYALTY LIMITED
891003859A	✓430193060800S1	33	SWSW	25	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430191109000S1	35	SESW	24	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859A	✓430193125100S1	36-A	SESE	19	16S	26E	PGW	UTU06188	GRAHAM ROYALTY LIMITED
891003859A	✓430193125200S1	37	SWNE	20	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430193125300S1	38	NESW	16	16S	25E	PGW	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430191588700S1	4	SESW	30	16S	26E	PGW	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193128900S1	41	NENE	36	16S	25E	PGW	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430193129000S1	42	NESE	30	16S	26E	PGW	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193129100S1	43	NESE	29	16S	26E	PGW	UTU06021	GRAHAM ROYALTY LIMITED
891003859A	✓430193130100S1	44	SENE	30	16S	26E	PGW	UTU06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193129900S1	45	NWSE	20	16S	26E	PGW	UTU05650	GRAHAM ROYALTY LIMITED
891003859A	✓430193131800S1	47	NENE	31	16S	26E	PGW	U06023	GRAHAM ROYALTY LIMITED
891003859A	✓430193131600S1	49	NENW	29	16S	26E	PGW	UTU025245	GRAHAM ROYALTY LIMITED
891003859A	✓430191589000S1	8	SWSW	16	16S	25E	PGW	STATE	GRAHAM ROYALTY LIMITED
891003859A	✓430191589100S1	9	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
** INSPECTION ITEM 891003859B SAN ARROYO EN									
891003859B	✓430191653200S1	1	SENW	26	16S	25E	PGW	UTSL071307	GRAHAM ROYALTY LIMITED
891003859B	✓430191588500S1	2	SENW	22	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859B	✓430191588600S1	3	SENW	23	16S	25E	GS1	UTU0369	GRAHAM ROYALTY LIMITED
891003859B	✓430193125000S1	40	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ROYALTY LIMITED
891003859B	✓430191588800S1	5	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ROYALTY LIMITED
891003859B	✓430191588900S1	6	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ROYALTY LIMITED

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 2 of 4

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC
 GRAHAM ENERGY LTD
 15000 NW FREEWAY STE 203
 HOUSTON TX 77040

UTAH ACCOUNT NUMBER: N7590REPORT PERIOD (MONTH/YEAR): 12 / 93AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 22								
4301915902 00500 16S 25E 15			DKTA					
SAN ARROYO #24								
4301915903 00500 16S 26E 19			DK-CM					
SAN ARROYO 25								
4301915904 00500 16S 25E 21			DKTA					
SAN ARROYO #26								
4301915905 00500 16S 26E 20			DK-MR					
SAN ARROYO 27								
4301915906 00500 16S 26E 29			DKTA					
SAN ARROYO 28								
4301915907 00500 16S 26E 29			DKTA					
SAN ARROYO 29								
4301915908 00500 16S 25E 22			DKTA					
SAN ARROYO #30								
4301915909 00500 16S 26E 21			DKTA					
SAN ARROYO 31								
4301930527 00500 16S 25E 22			DKTA					
SAN ARROYO 32								
4301930528 00500 16S 25E 14			DKTA					
SAN ARROYO 33								
4301930608 00500 16S 25E 25			DKTA					
SAN ARROYO UNIT #36-A								
4301931251 00500 16S 26E 19			DK-MR					
SAN ARROYO UNIT #37								
4301931252 00500 16S 26E 20			DK-MR					
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS			6. Lease Designation and Serial Number
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals			7. Indian Allottee or Tribe Name
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____			8. Unit or Communitization Agreement
			891003859A
2. Name of Operator			9. Well Name and Number
NORTHSTAR GAS COMPANY INC.			SEE BELOW
3. Address of Operator		4. Telephone Number	10. API Well Number
15000 NORTHWEST FWY, SUITE 203 HOUSTON TX 77040		713-937-4314	SEE BELOW
5. Location of Well			11. Field and Pool, or Wildcat
Footage : _____ County : GRAND			SAN ARROYO UNIT
QQ, Sec, T., R., M. : _____ State : UTAH			
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other _____		<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>	
Approximate Date Work Will Start _____		Date of Work Completion _____	
<small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>			

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

NORTHSTAR GAS COMPANY INC. TOOK OVER AS OPERATOR FROM GRAHAM ROYALTY LTD.
ON 09-01-93 WITH THE EFFECTIVE DATE OF SALE 09-01-93.

Well Name	API #	Location
San Arroyo 19	4301915899	16S 25E 14
San Arroyo 20	4301915900	16S 25E 26
San Arroyo 21	4301915901	16S 25E 25
San Arroyo 22	4301915902	16S 25E 15
San Arroyo 24	4301915903	16S 26E 19
San Arroyo 25	4301915904	16S 25E 21
San Arroyo 26	4301915905	16S 26E 20
San Arroyo 27	4301915906	16S 26E 29
San Arroyo 28	4301915907	16S 26E 29
San Arroyo 29	4301915908	16S 25E 22
San Arroyo 30	4301915909	16S 26E 21

14. I hereby certify that the foregoing is true and correct

Name & Signature PAUL BERNARD

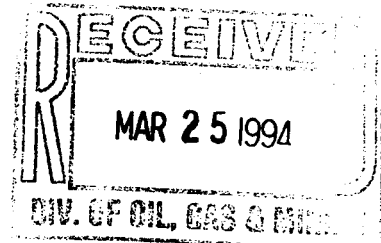
Title SEC/TREAS

Date 12-20-93

(State Use Only)

COPY

Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155



March 23, 1994

Northstar Gas Company, Inc.
820 Gessner, Suite 1630
Houston, Texas 77024

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On March 17, 1994, we received an indenture dated November 29, 1993, whereby Graham Energy, Ltd. resigned as Unit Operator and Northstar Gas Company, Inc. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective March 23, 1994. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT0845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

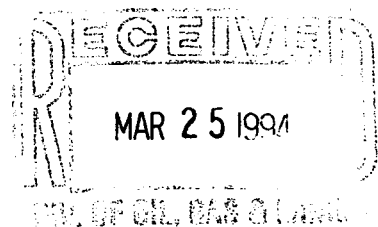
Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
~~Division of Oil, Gas & Mining~~
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:03-23-94

WELL STATUS REPORTS
UTAH STATE OFFICE



INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891003859A SAN ARROYO DK MO									
891003859A	430191589200S1	11	NESW	15	16S	25E	PGW	UTU05059C	GRAHAM ENERGY LIMITED
891003859A	430191589300S1	12	SWSW	23	16S	25E	PGW	UTSL071307	GRAHAM ENERGY LIMITED
891003859A	430191589400S1	13	NESW	22	16S	25E	GS1	UTU0370A	GRAHAM ENERGY LIMITED
891003859A	430191589500X1	14	SWNE	16	16S	25E	P+A	STATE	GRAHAM ENERGY LIMITED
891003859A	430191109100S1	15	NESW	21	16S	25E	TA	UTU0136529	GRAHAM ENERGY LIMITED
891003859A	430191589600S1	16	SESW	26	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430191589700S1	17	NENE	24	16S	25E	PGW	UTU025243	GRAHAM ENERGY LIMITED
891003859A	430191589800S1	18	NWNW	30	16S	26E	GS1	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430191589900S1	19	SWSE	14	16S	25E	PGW	UTU05011B	GRAHAM ENERGY LIMITED
891003859A	430191590000S1	20	SENE	26	16S	25E	PGW	UTSL071307	GRAHAM ENERGY LIMITED
891003859A	430191590100S1	21	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430191590200S1	22	NENE	15	16S	25E	PGW	UTU05011A	GRAHAM ENERGY LIMITED
891003859A	430191590300S1	24	SENW	19	16S	26E	PGW	UTU06188	GRAHAM ENERGY LIMITED
891003859A	430191590400S1	25	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ENERGY LIMITED
891003859A	430191590500S1	26	SWSW	20	16S	26E	PGW	UTU025297	GRAHAM ENERGY LIMITED
891003859A	430191590600S1	27	NESW	29	16S	26E	PGW	UTU06021	GRAHAM ENERGY LIMITED
891003859A	430191590700S1	28	NWNE	29	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430191590800S1	29	NENE	22	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859A	430191590900S1	30	NWSW	21	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430193052700S1	31	NWNW	22	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859A	430193052800S1	32	SWSW	14	16S	25E	PGW	UTU05011B	GRAHAM ENERGY LIMITED
891003859A	430193060800S1	33	SWSW	25	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430191109000S1	35	SESW	24	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859A	430193125100S1	36-A	SESE	19	16S	26E	PGW	UTU06188	GRAHAM ENERGY LIMITED
891003859A	430193125200S1	37	SWNE	20	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430193125300S1	38	NESW	16	16S	25E	PGW	STATE	GRAHAM ENERGY LIMITED
891003859A	430191588700S1	4	SESW	30	16S	26E	PGW	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430193128900S1	41	NENE	36	16S	25E	PGW	STATE	GRAHAM ENERGY LIMITED
891003859A	430193129000S1	42	NESE	30	16S	26E	PGW	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430193129100S1	43	NESE	29	16S	26E	PGW	UTU06021	GRAHAM ENERGY LIMITED
891003859A	430193130100S1	44	SENE	30	16S	26E	PGW	UTU06023	GRAHAM ENERGY LIMITED
891003859A	430193129900S1	45	NWSE	20	16S	26E	PGW	UTU05650	GRAHAM ENERGY LIMITED
891003859A	430193131800S1	47	NENE	31	16S	26E	PGW	U06023	GRAHAM ENERGY LIMITED
891003859A	430193131600S1	49	NENW	29	16S	26E	PGW	UTU025245	GRAHAM ENERGY LIMITED
891003859A	430191589000S1	8	SWSW	16	16S	25E	PGW	STATE	GRAHAM ENERGY LIMITED
891003859A	430191589100S1	9	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
** INSPECTION ITEM 891003859B SAN ARROYO EN									
891003859B	430191653200S1	1	SENW	26	16S	25E	PGW	UTSL071307	GRAHAM ENERGY LIMITED
891003859B	430191588500S1	2	SENW	22	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859B	430191588600S1	3	SENW	23	16S	25E	GS1	UTU0369	GRAHAM ENERGY LIMITED
891003859B	430193125000S1	40	NWNE	27	16S	25E	PGW	UTU0370A	GRAHAM ENERGY LIMITED
891003859B	430191588800S1	5	NWSE	25	16S	25E	PGW	UTU0369	GRAHAM ENERGY LIMITED
891003859B	430191588900S1	6	SWNE	21	16S	25E	PGW	UTU0136529	GRAHAM ENERGY LIMITED

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-DEC 7-SJ	<input checked="" type="checkbox"/>
2-DEC 8-FILE	<input checked="" type="checkbox"/>
3-VLC	<input checked="" type="checkbox"/>
4-RJM	<input checked="" type="checkbox"/>
5-DEC	<input checked="" type="checkbox"/>
6-PL	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-93)

TO (new operator) NORTHSTAR GAS COMPANY INC
 (address) 820 GESSNER #1630
HOUSTON, TX 77024
PAUL BERNARD
 phone (713) 935-9542
 account no. N6680

FROM (former operator) GRAHAM ENERGY LTD
 (address) 15000 NW FREEWAY STE 203
HOUSTON, TX 77040
C/O NORTHSTAR GAS CO INC
 phone (713) 937-4314
 account no. N 7590

Well(s) (attach additional page if needed):

****SAN ARROYO UNIT**

Name: **SEE ATTACHED**	API: <u>019-15903</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 1-14-94) (Reg. 3-28-94) (Rec'd Bill of Sale 4-11-94)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 1-14-94)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #144214.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-31-94)
- See 6. Cardex file has been updated for each well listed above. (3-31-94)
- See 7. Well file labels have been updated for each well listed above (3-31-94)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-31-94)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 4-19 1994.

FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940328 BLM/S.L. Appr. eff. 3-23-94.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KATHY TUSON
NORTHSTAR GAS COMPANY INC
820 GESSNER #1630
HOUSTON TX 77024

UTAH ACCOUNT NUMBER: N6680REPORT PERIOD (MONTH/YEAR): 4 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ SAN ARROYO 22								
4301915902	00500	16S 25E 15	DKTA			U-05011-A		
✓ SAN ARROYO 24								
4301915903	00500	16S 26E 19	DK-CM			U-060188		
✓ SAN ARROYO 25								
4301915904	00500	16S 25E 21	DKTA			U-025244		
✓ SAN ARROYO 26								
4301915905	00500	16S 26E 20	DK-MR			U-025291		
✓ SAN ARROYO 27								
4301915906	00500	16S 26E 29	DKTA			U-060021		
✓ SAN ARROYO 28								
4301915907	00500	16S 26E 29	DKTA			U-050650		
✓ SAN ARROYO 29								
4301915908	00500	16S 25E 22	DKTA			U-0370-A		
✓ SAN ARROYO 30								
4301915909	00500	16S 26E 21	DKTA			U-050650		
✓ SAN ARROYO 31								
4301930527	00500	16S 25E 22	DKTA			U-0370A		
✓ SAN ARROYO 32								
4301930528	00500	16S 25E 14	DKTA			U-05011B		
✓ SAN ARROYO 33								
4301930608	00500	16S 25E 25	DKTA			U-03069		
✓ SAN ARROYO UNIT #36-A								
4301931251	00500	16S 26E 19	DK-MR			U-060188		
✓ SAN ARROYO UNIT #37								
4301931252	00500	16S 26E 20	DK-MR			U-50650		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

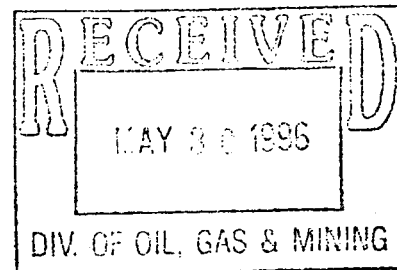
Telephone Number: _____



600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105
Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300
405 525-7788 / FAX 405 557-5258

May 21, 1996

Ms. Lisha Cordova
State of Utah
Department of Oil, Gas & Mining
Salt Lake City, Utah 84111-2303



Re: Acquisition of Producing Properties
and Operatorship from Northstar Resources
Grand and Uintah Counties, Utah

Dear Ms. Cordova:

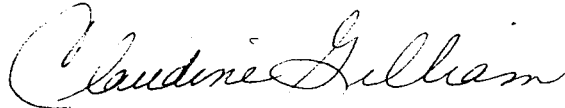
Enogex Exploration Corporation acquired the working interest and operatorship of certain properties in Grand and Uintah Counties, Utah from Northstar Resources, Inc. effective 5/1/96. In this regard we enclose the following for the records:

1. Original Sundry Notices filed in triplicate for each of the wells on the three leases where the State of Utah owns the mineral rights.
2. Three copies each of the Sundry Notices for the 1 Gilbert and the 27-1 which has been approved by the BLM.
3. A copy of the Resignation of Unit Operator and Designation of Successor Unit Operator for the San Arroyo Unit along with approval of same by the BLM.
4. A copy of the Successor Operator of Communitization Agreement NW-115 along with approval of same by the BLM.
5. A list of the wells and locations which Enogex Exploration Corporation acquired from Northstar Resources and will be operating.

Please be advised we provided our State of Utah Blanket Bond in the amount of \$80,000 with our letter dated April 16, 1996, to the School & Institutional Trust Lands Administration

If any thing further is needed, please contact the undersigned at 405 557-5281.

Sincerely,

A handwritten signature in cursive script, reading "Claudine Gilliam". The signature is written in black ink and is positioned above the printed name and title.

Claudine Gilliam
Senior Landman

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

ENOGEX EXPLORATION CORPORATION

3. Address and Telephone Number:

P.O. Box 24300, Oklahoma City, OK 73124-0300 405 557-5281

4. Location of Well

Footages:

OQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

ML-4113

6. If Indian, Aliottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

San Arroyo Unit

9. API Well Number:

10. Field and Pool, or Wildcat:

County: Grand

State: Utah

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

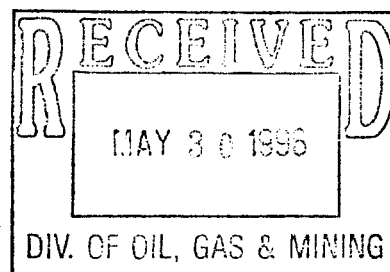
- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)



13.

Name & Signature:

Claudine Gilliam
Claudine Gilliam

Title:

Senior Landman

Date:

5/20/96

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

May 13, 1996

Enogex Exploration Corporation
P.O. Box 24300
Oklahoma City, Oklahoma 73124-0300

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

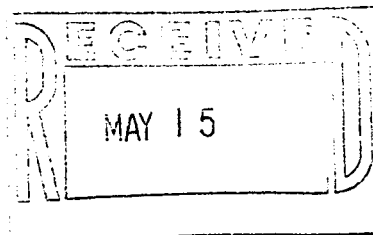
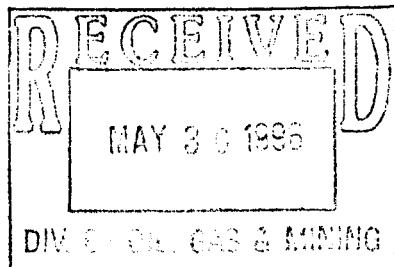
Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure



RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Northstar Gas Company, Inc., the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 23rd day of April, 1996.

ATTEST:

NORTHSTAR GAS COMPANY, INC.

Kath M. McK
Title Corporate Secretary

By: Kath M. McK
Title: E. Vice President

RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-385

THIS INDENTURE, dated as of the 19th day of April, 1996, by and between ENOGEX EXPLORATION CORPORATION, hereinafter designated as "First Party", and the owners of the unitized working interests, hereinafter designated as "Second Parties",

Return to:
Enogex Exploration Corporation
Post Office Box 2430
Oklahoma City, OK 73124-0300

W I T N E S S E T H:

WHEREAS, under the provisions of the Act of February 15, 1920, 4 Stat. 437, 30 U.S.C. Sec. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS, Northstar Gas Company, Inc. by subsequent designation is currently Unit Operator, but has resigned hereby as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereof, and

WHEREAS, the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the same Unit Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the premises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

ATTEST:

FIRST PARTY

ENOGEX EXPLORATION CORPORATION

BY:

John V. Morozuk
TITLE: SECRETARY

BY:

J. O. Edwards, Jr.
TITLE: J.O. EDWARDS, JR., PRESIDENT

DATE: 4/19/96

ATTEST:

SECOND PARTY

NORTHSTAR GAS COMPANY, INC.

BY: Kenneth M. McKinney
TITLE: Corporate Secretary

BY: Kenneth M. McKinney
TITLE: E. Vice President
DATE: 4/23/96

BOOK CLIFFS OIL & GAS COMPANY

BY: _____
TITLE: _____

BY: _____
TITLE: _____
DATE: _____

NATIONAL FUEL CORPORATION

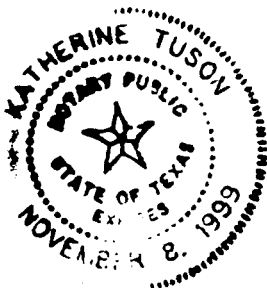
BY: _____
TITLE: _____

BY: _____
TITLE: _____
DATE: _____

STATE OF TEXAS)
) SS
COUNTY OF HARRIS)

This instrument was acknowledged before me on the 23RD day of APRIL, 1996, by Kenneth M. McKinney, as Executive Vice President of NORTHSTAR GAS COMPANY, INC., a Texas Corporation, on behalf of said corporation.

Katherine Tuson
Notary Public in and for the
State of TEXAS
My commission expires 11/8/99



STATE OF OKLAHOMA)
)
COUNTY OF OKLAHOMA)

This instrument was acknowledged before me on the 19th
day of April, 1996, by J.O. EDWARDS, as President of
ENOGEX EXPLORATION CORPORATION, an Oklahoma corporation, on
behalf of said corporation.

Donald G. Gulian
Notary Public in and for the
State of Oklahoma
My Commission expires 4/22/99

STATE OF)
) SS
COUNTY OF)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1996, by _____,
as _____ and by _____, as Assistant
Secretary of BOOK CLIFFS OIL & GAS COMPANY, a _____
corporation.

WITNESS my hand and official seal.

Notary Public

My Commission Expires:

Place of Residence:

STATE OF)
) SS
COUNTY OF)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1996, by _____,
as _____, and by _____, as
Assistant Secretary of NATIONAL FUEL CORPORATION, a
_____ corporation.

WITNESS my hand and official seal.

Notary Public

My Commission Expires:

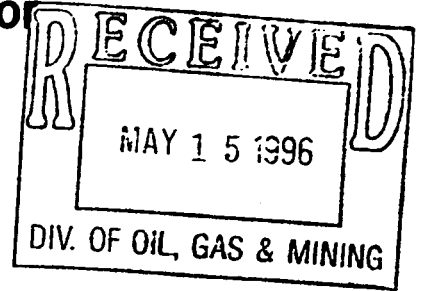
Place of Residence:

COPY

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155



IN REPLY REFER TO:
UT-922

May 13, 1996

Enogex Exploration Corporation
P.O. Box 24300
Oklahoma City, Oklahoma 73124-0300

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

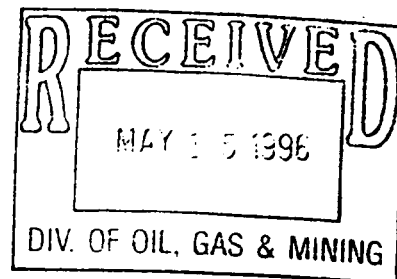
/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
~~Division of Oil, Gas & Mining~~
Division of Lands and Mineral Operations U-942
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

WELL STATUS REPORTS
UTAH STATE OFFICE



INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891003859A SAN ARROYO DK MO									
891003859A	430191589200S1	11	NESW	15	16S	25E	PGW	UTU05059C	NORTHSTAR GAS COMPANY INC
891003859A	430191589300S1	12	SWSW	23	16S	25E	PGW	UTSL071307	NORTHSTAR GAS COMPANY INC
891003859A	430191589400S1	13	NESW	22	16S	25E	GSI	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859A	430191589500X1	14	SWNE	16	16S	25E	P+A	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430191109100S1	15	NESW	21	16S	25E	TA	UTU0136529	NORTHSTAR GAS COMPANY INC
891003859A	430191589600S1	16	SESW	26	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430191589700S1	17	NENE	24	16S	25E	PGW	UTU025243	NORTHSTAR GAS COMPANY INC
891003859A	430191589800S1	18	NWNW	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430191589900S1	19	SWSE	14	16S	25E	PGW	UTU05011B	NORTHSTAR GAS COMPANY INC
891003859A	430191590000S1	20	SENE	26	16S	25E	PGW	UTSL071307	NORTHSTAR GAS COMPANY INC
891003859A	430191590100S1	21	NWSE	25	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430191590200S1	22	NENE	15	16S	25E	PGW	UTU05011A	NORTHSTAR GAS COMPANY INC
891003859A	430191590300S1	24	SENW	19	16S	26E	PGW	UTU06188	NORTHSTAR GAS COMPANY INC
891003859A	430191590400S1	25	SWNE	21	16S	25E	PGW	UTU0136529	NORTHSTAR GAS COMPANY INC
891003859A	430191590500S1	26	SWSW	20	16S	26E	PGW	UTU025297	NORTHSTAR GAS COMPANY INC
891003859A	430191590600S1	27	NESW	29	16S	26E	PGW	UTU06021	NORTHSTAR GAS COMPANY INC
891003859A	430191590700S1	28	NWNE	29	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430191590800S1	29	NENE	22	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859A	430191590900S1	30	NWSW	21	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430193052700S1	31	NWNW	22	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859A	430193052800S1	32	SWSW	14	16S	25E	PGW	UTU05011B	NORTHSTAR GAS COMPANY INC
891003859A	430193060800S1	33	SWSW	25	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430191109000S1	35	SESW	24	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859A	430193125100S1	36-A	SESE	19	16S	26E	PGW	UTU06188	NORTHSTAR GAS COMPANY INC
891003859A	430193125200S1	37	SWNE	20	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430193125300S1	38	NESW	16	16S	25E	PGW	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430191588700S1	4	SESW	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430193128900S1	41	NENE	36	16S	25E	PGW	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430193129000S1	42	NESE	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430193129100S1	43	NESE	29	16S	26E	PGW	UTU06021	NORTHSTAR GAS COMPANY INC
891003859A	430193130100S1	44	SENE	30	16S	26E	PGW	UTU06023	NORTHSTAR GAS COMPANY INC
891003859A	430193129900S1	45	NWSE	20	16S	26E	PGW	UTU05650	NORTHSTAR GAS COMPANY INC
891003859A	430193131800S1	47	NENE	31	16S	26E	PGW	U06023	NORTHSTAR GAS COMPANY INC
891003859A	430193131600S1	49	NENW	29	16S	26E	PGW	UTU025245	NORTHSTAR GAS COMPANY INC
891003859A	430191589000S1	8	SWSW	16	16S	25E	PGW	STATE	NORTHSTAR GAS COMPANY INC
891003859A	430191589100S1	9	NWNE	27	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
** INSPECTION ITEM 891003859B SAN ARROYO EM									
891003859B	430191653200S1	1	SENW	26	16S	25E	PGW	UTSL071307	NORTHSTAR GAS COMPANY INC
891003859B	430191588500S1	2	SENW	22	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859B	430191588600S1	3	SENW	23	16S	25E	GSI	UTU0369	NORTHSTAR GAS COMPANY INC
891003859B	430193125000S1	40	NWNE	27	16S	25E	PGW	UTU0370A	NORTHSTAR GAS COMPANY INC
891003859B	430191588800S1	5	NWSE	25	16S	25E	PGW	UTU0369	NORTHSTAR GAS COMPANY INC
891003859B	430191588900S1	6	SWNE	21	16S	25E	PGW	UTU0136529	NORTHSTAR GAS COMPANY INC

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH/141	7-KDR
3-DTS 265	8-SJ
4-VLD	9-FILE
5-RJF	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 5-13-96

TO: (new operator) ENOGEX EXPLORATION CORP.
 (address) PO BOX 24300
OKLAHOMA CITY OK 73124-0300
 Phone: (405) 525-7788
 Account no. N7430

FROM: (old operator) NORTHSTAR GAS COMPANY INC
 (address) 820 GESSNER #1630
HOUSTON TX 77024
 Phone: (713) 935-9542
 Account no. N6680

WELL(S) attach additional page if needed:

***SAN ARROYO UNIT**

Name: **SEE ATTACHED**	API: <u>43019-15903</u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>
Name: <u></u>	API: <u></u>	Entity: <u>S</u>	<u>T</u>	<u>R</u>	Lease: <u></u>

OPERATOR CHANGE DOCUMENTATION

- 1 (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(filed 5-30-96)*
- 2 (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(filed 5-30-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) If yes, show company file number:
- Y 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Y 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(6-12-96)*
- Y 6. Cardex file has been updated for each well listed above. *(6-13-96)*
- Y 7. Well file labels have been updated for each well listed above. *(6-13-96)*
- Y 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(6-12-96)*
- Y 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- LIC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) *Trust Lands / \$80,000 "Enogex" on file.*

- LIC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DTB 1. Copies of documents have been sent on 7/8/96 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- KDR 1. All attachments to this form have been microfilmed. Today's date: July 18, 1996

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

960524 ALM/SL aprv. & H. 5-13-96.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

AUG 21 2000

DIVISION OF
OIL, GAS AND MINING

N REPLY REFER TO
UT-931

August 17, 2000

Crescendo Energy, LLC
c/o Pruitt, Gushee & Bachtell
Attn: William E. Ward
Suite 1850 Beneficial Life Tower
Salt Lake City, Utah 84111-1495

Re: San Arroyo Unit
Grand County, Utah

Gentlemen:

On August 14, 2000, we received an indenture dated June 30, 2000, whereby Enogex Exploration Corporation resigned as Unit Operator and Crescendo Energy, LLC was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 17, 2000.

Your statewide (Utah) oil and gas bond No. 1184 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - San Arroyo Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron
UT931:TAThompson:tt:8/17/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 891003859A								
UTU025297	4301915905	1 (26) FEDERAL-GRAND	SWSW	20	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05059C	4301915892	11 SAN ARROYO UNIT	NESW	15	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915893	12 SAN ARROYO UNIT	SWSW	23	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915894	13 SAN ARROYO UNIT	SWSW	22	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
STATE	4301915895	14 SAN ARROYO UNIT	SWNE	16	T16S	R25E	AAA	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301911091	15 (34-A) SAN ARROYO	NESW	21	T16S	R25E	ABD	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915896	16 SAN ARROYO UNIT	SESW	26	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU025243	4301915897	17 SAN ARROYO UNIT	NENE	24	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915898	18 SAN ARROYO UNIT	NWNW	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05011B	4301915899	19 SAN ARROYO	SWSE	14	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTSL071307	4301915900	20 SAN ARROYO	SENE	26	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915901	21 SAN ARROYO	NWSE	25	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05011A	4301915902	22 SAN ARROYO	NENE	15	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301915903	24 SAN ARROYO UNIT	SENW	19	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915904	25 SAN ARROYO	SWNE	21	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301915906	27 SAN ARROYO	NESW	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915907	28 FEDERAL	NWNE	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915908	29 SAN ARROYO UNIT	NENE	22	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915886	3 UNIT	SENW	23	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301915909	30 SAN ARROYO UNIT	NWSW	21	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301930527	31 SAN ARROYO UNIT	NWNW	22	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05011B	4301930528	32 SAN ARROYO UNIT	SWSW	14	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301930608	33 SAN ARROYO UNIT	SWSW	25	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06188	4301931251	36-A SAN ARROYO UNIT	SESE	19	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931252	37 SAN ARROYO UNIT	SWNE	20	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931253	38 SAN ARROYO UNIT	SWNE	16	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301915887	4 GOVT-SAN ARROYO	SESW	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301931289	41 SAN ARROYO UNIT	NENE	36	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931290	42 SAN ARROYO UNIT	NESE	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06021	4301931291	43 SAN ARROYO UNIT	NESE	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931301	44 SAN ARROYO	SENE	30	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU05650	4301931299	45 SAN ARROYO	NWSE	20	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU06023	4301931318	47 FEDERAL	NWNE	31	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU025245	4301931316	49 FEDERAL	NENW	29	T16S	R26E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0369	4301911090	7 (35) SAN ARROYO	SESW	24	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
STATE	4301915890	8 SAN ARROYO UNIT	SWSW	16	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915891	9 SAN ARROYO UNIT	NWNE	27	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION

** Inspection Item: 891003859B								
UTSL071307	4301916532	1 GOVT SAN ARROYO	SENW	26	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301915885	2 UNIT	SENW	22	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
UTU0370A	4301931250	40 SAN ARROYO UNIT	NWNE	27	T16S	R25E	TA	ENOGEX EXPLORATION CORPORATION
UTU0369	4301915888	5 SAN ARROYO UNIT	NWSE	25	T16S	R25E	GSI	ENOGEX EXPLORATION CORPORATION
UTU0136529	4301915889	6 SAN ARROYO UNIT	SWNE	21	T16S	R25E	PGW	ENOGEX EXPLORATION CORPORATION

Crescendo Energy, LLC

P.O. Box 1814
Midland, TX 79702
Phone: 915-697-7221
Fax: 915-697-7289

August 23, 2000

Attn: Mr. Jim Thompson
Utah Division of Oil, Gas & Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

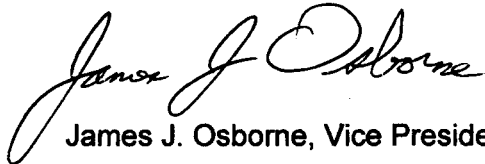
Re: Change of Operator

Dear Mr. Thompson:

The attached list of properties was formerly owned and operated by Enogex Exploration Corporation. Crescendo Energy, LLC has purchased the properties and has taken over operations. If you have any questions, please feel free to contact me at the phone number listed above.

Sincerely yours,
Crescendo Energy, LLC

By: Crescendo Energy Partners, LLC, its
Managing Member



James J. Osborne, Vice President

Confirmation by Previous Operator:

Enogex Exploration Corporation

By: Chris J. Haugen
Name (Print): CHRIS J. HAUGEN
Title: Manager, E&P

jjo
Attachment



Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web site: <http://www.commerce.state.ut.us>

CRESCENDO ENERGY, LLC


August 4, 2000

CERTIFICATE OF EXISTENCE

Registration Number: PENDING
Business Name: CRESCENDO ENERGY, LLC
Registered Date: JULY 13, 2000
Foreign or Domestic: FOREIGN
Current Status: GOOD STANDING

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah.




Lorena Rizzo-Jenson
Division Director of
Corporations and Commercial Code

Dept. of Professional Licensing
(801)530-6628

Real Estate
(801)530-6747

Public Utilities
(801)530-6651

Securities
(801)530-6600

Consumer Protection
(801)530-6601

RESIGNATION OF UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Enogex Exploration Corporation, the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 30th day of June, 2000.

ENOGEX EXPLORATION CORPORATION

By  18

Name: Dennis F. Jaggi

Title: Vice President

DESIGNATION OF
SUCCESSOR UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

THIS INDENTURE, dated as of the 30th day of June, 2000, by and between Crescendo Energy, L.L.C., hereinafter designated as "First Party", and the owners of unitized working interests, hereinafter designated as "Second Parties",

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS Enogex Exploration Corporation by subsequent designation is currently Unit Operator, but has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit Agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY:

CRESCENDO ENERGY, L.L.C.

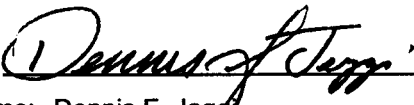
BY: CRESCENDO ENERGY PARTNERS, LLC, its managing member,

By: James J. Osborne

Title: VICE PRESIDENT


SECOND PARTIES:

ENOGEX EXPLORATION CORPORATION


By:  *RF*
Name: Dennis F. Jaggar
Title: Vice-President

Execution Date: 7/10/00

BOOK CLIFFS OIL & GAS COMPANY

By: 
Name: D. L. Catt
Title: Vice President
Execution Date: 7-18-00

NATIONAL FUEL CORPORATION

By: 
Name: **J.C. THOMPSON**
Chairman
Title: _____
Execution Date: 8/7/00

CORPORATE ACKNOWLEDGEMENT

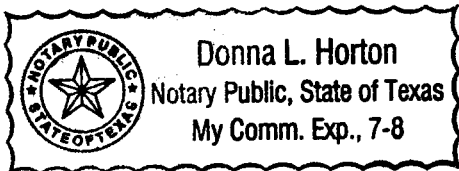
edit
STATE OF ~~TEXAS~~)

COUNTY OF Somera)

SS

James J. O'Brien This instrument was acknowledged before me on the 10 day of August, 2000, by Dale C. Hitt, as Vice Managing Member of Crescendo Energy, L.L.C., on behalf of said corporation.

WITNESS my hand and official seal.



Donna L. Horton
Notary Public in and for the
State of Texas

My commission expires 7/8/02

CORPORATE ACKNOWLEDGEMENT

STATE OF OKLAHOMA)

COUNTY OF OKLAHOMA)

SS

This instrument was acknowledged before me on the 10th day of July, 2000, by Dennis F. Jaggi, as Vice-President of Enogex Exploration Corporation, on behalf of said corporation.

WITNESS my hand and official seal.

[Signature]
Notary Public in and for the State of Oklahoma

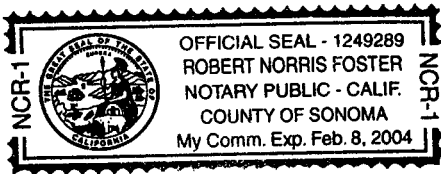
My commission expires 8/21/01

CORPORATE ACKNOWLEDGEMENT

STATE OF Calif)
) SS
COUNTY OF Sonoma)

This instrument was acknowledged before me on the 18 day of July, 2000, by D L Catt, as Vice Pres of Book Cliffs Oil & Gas Company, on behalf of said corporation.

WITNESS my hand and official seal.



Robert West
Notary Public in and for the State of Oklahoma
My commission expires 2/8/04

CORPORATE ACKNOWLEDGEMENT

STATE OF Colorado)
) SS
COUNTY OF Arapahoe)

This instrument was acknowledged before me on the 7 day of August, 2000, by Je Thompson, as Chairman of National Fuel Corporation, on behalf of said corporation.

WITNESS my hand and official seal.



Brenda K Mayland
Notary Public in and for the State of ~~Oklahoma~~ Colorado
My commission expires 4-13-01

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS ✓
2. CDW ✓		5- CDW ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

06-30-2000**FROM:** (Old Operator):

ENOGEX EXPLORATION CORPORATION

Address: P. O. BOX 24300

OKLAHOMA CITY, OK 73124-0300

Phone: 1-(405)-525-7788

Account No. N7430

TO: (New Operator):

CRESCENDO ENERGY PARTNERS LLC

Address: P. O. BOX 1814

MIDLAND, TX 79702

Phone: 1-(915)-697-7221

Account N1365

CA No.**Unit: SAN ARROYO****WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
SAN ARROYO # 19	43-019-15899	500	14-16S-25E	FEDERAL	GW	P
SAN ARROYO # 32	43-019-30528	500	14-16S-25E	FEDERAL	GW	P
SAN ARROYO # 11	43-019-15892	500	15-16S-25E	FEDERAL	GW	P
SAN ARROYO # 22	43-019-15902	500	15-16S-25E	FEDERAL	GW	P
SAN ARROYO # 8	43-019-15890	500	16-16S-25E	FEDERAL	GW	P
SAN ARROYO # 25	43-019-15904	500	21-16S-25E	FEDERAL	GW	P
SAN ARROYO # 29	43-019-15908	500	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 31	43-019-30527	500	22-16S-25E	FEDERAL	GW	P
SAN ARROYO # 3	43-019-15886	500	23-16S-25E	FEDERAL	GW	P
SAN ARROYO # 12	43-019-15893	500	23-16S-25E	FEDERAL	GW	P
SAN ARROYO # 17	43-019-15897	500	24-16S-25E	FEDERAL	GW	P
SAN ARROYO # 21	43-019-15901	500	25-16S-25E	FEDERAL	GW	P
SAN ARROYO # 16	43-019-15896	500	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 20	43-019-15900	500	26-16S-25E	FEDERAL	GW	P
SAN ARROYO # 9	43-019-15891	500	27-16S-25E	FEDERAL	GW	P
SAN ARROYO # 24	43-019-15903	500	19-16S-26E	FEDERAL	GW	P
SAN ARROYO # 26	43-019-15905	500	20-16S-26E	FEDERAL	GW	P
SAN ARROYO # 30	43-019-15909	500	21-16S-26E	FEDERAL	GW	P
SAN ARROYO # 13	43-019-15894	500	22-16S-26E	FEDERAL	GW	P
SAN ARROYO # 27	43-019-15906	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 28	43-019-15907	500	29-16S-26E	FEDERAL	GW	P
SAN ARROYO # 4	43-019-15887	500	30-16S-26E	FEDERAL	GW	P
SAN ARROYO # 18	43-019-15898	500	30-16S-26E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:

08/23/2000

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:

08/23/2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 10/19/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/17/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/17/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 10/19/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/19/2000
3. Bond information entered in RBDMS on: _____
4. Fee wells attached to bond in RBDMS on: _____

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2. NAME OF OPERATOR: Slate River Resources, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 418 Main Street, Ste. 18 CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: San Arroyo Unit and other wells
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached schedule of wells		8. WELL NAME and NUMBER: See attached
PHONE NUMBER: (435) 781-1870		9. API NUMBER: See attach
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached

COUNTY: Grand

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Crescendo Energy, LLC is a wholly owned subsidiary of Slate River Resources, LLC. All the wells, properties and leasehold interest of Crescendo Energy, LLC has been assigned to Slate River Resources, LLC. We request a change of Operator from Crescendo Energy, LLC to Slate River Resources, LLC on the wells listed on the attached schedule, including a change of Operator of the San Arroyo Unit Area effective November 1, 2005.

The Bond numbers for Slate River Resources, LLC are:

State of Utah DOGM Bond B001556 \$120,000

State of Utah Bond of Lessee B001760 \$ 15,000 being transferred from Crescendo to Slate River Resources, LLC

Federal Utah Statewide Bond UTB000187 \$ 25,000 being transferred from Crescendo to Slate River Resources, LLC

Crescendo Energy, LLC

N1365

Carter G. Mathies

Carter G. Mathies, President

NAME (PLEASE PRINT) Gary D. Davis	TITLE President, Slate River Resources, LLC
SIGNATURE <i>[Signature]</i>	DATE 11/10/2005

(This space for State use only)

APPROVED 11/29/05

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Dir/Qty	Section	Township Range	Upland	NE
43-019-30570-00-0	CRESCENDO ENERGY LLC	ARCO 27-1	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	27	16S-25E	U-29645	1700
43-019-31162-00-0	CRESCENDO ENERGY LLC	ARCO STATE 36-7	Gas Well	Producing	EAST CANYON	GRAND	SWSE	36	15.5S-24E	ML-22208	852
43-019-31192-00-0	CRESCENDO ENERGY LLC	ARCO STATE 36-8	Gas Well	Producing	EAST CANYON	GRAND	SWSW	36	15.5S-24E	ML-22208	1285
43-019-30240-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-1	Gas Well	Producing	EAST CANYON	GRAND	NESE	2	16S-24E	ML-22208	2420
43-019-30241-00-0	CRESCENDO ENERGY LLC	ARCO-STATE 2-2	Gas Well	Shut-In	EAST CANYON	GRAND	NWNW	2	16S-24E	ML-22208	1425
43-019-30047-00-0	CRESCENDO ENERGY LLC	BITTER CREEK 1	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	2	16S-25E	ML-25151	1080
43-047-30765-00-0	CRESCENDO ENERGY LLC	BLACK HORSE CANYON FED 31-1	Gas Well	Producing	BLACK HORSE CYN	UINTAH	NWSW	31	15S-24E	U-14234	2030
43-019-15884-00-0	CRESCENDO ENERGY LLC	FEDERAL 174 1	Gas Well	Producing	SAN ARROYO	GRAND	SESW	11	16S-25E	U-126528	1940
43-019-31432-00-0	CRESCENDO ENERGY LLC	FEDERAL 27-2	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SESE	27	16S-25E	U-29645	1110
43-019-31318-00-0	CRESCENDO ENERGY LLC	FEDERAL 47	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	31	16S-26E	U-6023	990
43-019-31410-00-0	CRESCENDO ENERGY LLC	FEDERAL 6-1	Gas Well	Approved permit (APD); not yet spudd	SAN ARROYO	GRAND	SWNW	6	16S-25E	U-9831	1760
43-019-11089-00-0	CRESCENDO ENERGY LLC	FEDERAL GILBERT 1	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	11	16S-25E	U-126528	1140
43-019-16532-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 01	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	26	16S-25E	USL-71307	1320
43-019-15885-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 02	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	22	16S-25E	U-370-A	1125
43-019-15886-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 03	Gas Well	Producing	SAN ARROYO	GRAND	SENW	23	16S-25E	U-369	60
43-019-15887-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 04	Gas Well	Producing	SAN ARROYO	GRAND	SESW	30	16S-26E	U-6023	660
43-019-15888-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 05	Gas Well	Shut-In	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	820
43-019-15889-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 06	Gas Well	Shut-In	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	1360
43-019-15890-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 08	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	16	16S-25E	ML-4113	2060
43-019-15891-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 09	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	1210
43-019-15892-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 11	Gas Well	Producing	SAN ARROYO	GRAND	NESW	15	16S-25E	U-5059-C	2450
43-019-15893-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 12	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	23	16S-25E	USL-71307	1520
43-019-15894-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 13	Gas Well	Producing	SAN ARROYO	GRAND	C-SW	22	16S-25E	U-370-A	660
43-019-15896-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 16	Gas Well	Producing	SAN ARROYO	GRAND	SESW	26	16S-25E	U-369	1990
43-019-15897-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 17	Gas Well	Producing	SAN ARROYO	GRAND	NENE	24	16S-25E	U-25243	660
43-019-15898-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 18	Gas Well	Producing	SAN ARROYO	GRAND	NWNW	30	16S-26E	U-6023	1300
43-019-15899-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 19	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	14	16S-25E	U-5011-B	2600
43-019-15900-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 20	Gas Well	Producing	SAN ARROYO	GRAND	SENE	26	16S-25E	USL-71307	1710
43-019-15901-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 21	Gas Well	Producing	SAN ARROYO	GRAND	NWSE	25	16S-25E	U-369	395
43-019-15902-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 22	Gas Well	Producing	SAN ARROYO	GRAND	NENE	15	16S-25E	U-5011-A	2190
43-019-15903-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 24	Gas Well	Producing	SAN ARROYO	GRAND	SENW	19	16S-26E	U-6188	769
43-019-15904-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 25	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	21	16S-25E	U-136529	1110
43-019-15905-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 26	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	20	16S-26E	U-25297	78
43-019-15906-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 27	Gas Well	Producing	SAN ARROYO	GRAND	NESW	29	16S-26E	U-6021	787
43-019-15907-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 28	Gas Well	Producing	SAN ARROYO	GRAND	NWNE	29	16S-26E	U-5650	634
43-019-15908-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 29	Gas Well	Producing	SAN ARROYO	GRAND	NENE	22	16S-25E	U-370-A	540
43-019-15909-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 30	Gas Well	Producing	SAN ARROYO	GRAND	NWSW	21	16S-26E	U-5650	945
43-019-30527-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 31	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNW	22	16S-25E	U-370-A	739
43-019-30528-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 32	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	14	16S-25E	U-5011-B	1305
43-019-30608-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 33	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	25	16S-25E	U-369	1977
43-019-11090-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 35	Gas Well	Producing	SAN ARROYO	GRAND	SESW	24	16S-25E	U-369	1875
43-019-31251-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 36-A	Gas Well	Producing	SAN ARROYO	GRAND	SESE	19	16S-26E	U-6188	304
43-019-31252-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 37	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	20	16S-26E	U-5650	2025
43-019-31253-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 38	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	16	16S-25E	ML-4113	1395
43-019-31250-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 40	Gas Well	Shut-In	SAN ARROYO	GRAND	NWNE	27	16S-25E	U-370-A	1487
43-019-31289-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 41	Gas Well	Producing	SAN ARROYO	GRAND	NENE	36	16S-25E	Not CE Lease	1342
43-019-31290-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 42	Gas Well	Producing	SAN ARROYO	GRAND	NESE	30	16S-26E	U-6023	1300
43-019-31291-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 43	Gas Well	Producing	SAN ARROYO	GRAND	NESE	29	16S-26E	U-6021	600
43-019-31301-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 44	Gas Well	Producing	SAN ARROYO	GRAND	SENE	30	16S-26E	U-6023	
43-019-31299-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 45	Gas Well	Producing	SAN ARROYO	GRAND	NWSE	20	16S-26E	U-5650	0

UTAH SCHEDULE OF WELLS
SLATE RIVER RESOURCES, LLC, OPERATOR

[illegible]

OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

X Merger

The operator of the well(s) listed below has changed, effective:

11/1/2005

FROM: (Old Operator):

N1365-Crescendo Energy, LLC
1600 Broadway, Suite 900
Denver, CO 80202

Phone: 1-(303) 592-4448

TO: (New Operator):

N2725-Slate River Resources, LLC
418 Main St, Suite 18
Vernal, UT 84078

Phone: 1-(435) 781-1870

CA No.

Unit:

SAN ARROYO

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	GW	P
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	GW	S
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	GW	P
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	GW	P
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	GW	S
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	GW	P
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	GW	S
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	GW	P
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	GW	P
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	GW	P
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	GW	P
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	GW	S
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	GW	P
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	GW	P
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	GW	P
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	GW	P
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	GW	P
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 11/16/2005
2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 11/16/2005

3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 11/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 5830411-0161
5. If NO, the operator was contacted on:

- 6a. (R649-9-2) Waste Management Plan has been received on: requested 11/23/05
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: requested 11/23/05

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: _____ not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: _____ n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: _____ n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____ n/a

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: _____ 11/29/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: _____ 11/29/2005
3. Bond information entered in RBDMS on: _____ n/a
4. Fee/State wells attached to bond in RBDMS on: _____ n/a
5. Injection Projects to new operator in RBDMS on: _____ n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: _____ 11/29/2005

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: _____ UTB000187

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: _____ n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number _____ B001556
2. The FORMER operator has requested a release of liability from their bond on: _____ 11/25/2005
The Division sent response by letter on: _____ n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____ n/a

COMMENTS:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

December 5, 2005


Memorandum

To: Moab Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the state of Delaware. We have updated our records to reflect the merger from Crescendo Energy LLC into Slate River Resources LLC. The merger was approved effective October 31, 2005.


for David H. Murphy
Acting Chief, Branch of
Fluid Minerals

Enclosure

Articles of Organization (4 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

DEC 08 2005

DIV. OF OIL, GAS & MINING

EP

LLE: Judy Nordstrom

MEMO WRITTEN: December 5, 2005

Name of Company:

OLD

Crescendo Energy LLC
418 E. Main Street
Suite 18
Vernal Utah 84078

NEW NID

Slate River Resources LLC
1600 Broadway
Suite 900
Denver CO 80202

(DATE) (940) NAME CHANGE RECOGNIZED

October 31, 2005
(DATE) (817) CORPORATE MERGER RECOGNIZED

UTSL-071307

UTU-0369
UTU-0370A
UTU-05011A
UTU-05011B
UTU-05059A
UTU-05059C
UTU-05059F
UTU-05650
UTU-05650A
UTU-06021
UTU-06023
UTU-06188
UTU-06188B
UTU-025243
UTU-025245
UTU-025243A
UTU-025297
UTU-0126528
UTU-0136529
UTU-0141420
UTU-9831
UTU-14234
UTU-29645
UTU-60818
UTU-63022A

CERTIFICATE OF MERGER
of
CRESCENDO ENERGY, LLC
into
SLATE RIVER RESOURCES, LLC

This **CERTIFICATE OF MERGER**, dated and effective as of October 31, 2005, has been duly authorized and is filed pursuant to Section 18-209 of the Delaware Limited Liability Company Act (the "Act").

1. The name and jurisdiction of formation or organization of the constituent entities of the merger effectuated hereby are:


<u>Name</u>	<u>Jurisdiction of Organization</u>
Slate River Resources, LLC	Delaware
Crescendo Energy, LLC	Delaware

2. An Agreement and Plan of Merger (the "Merger Agreement") has been duly authorized, approved and executed by each of the limited liability companies to merge pursuant hereto.
3. Slate River Resources, LLC shall be the surviving entity and shall maintain its present name.
4. There are no amendments to the certificate of formation of Slate River Resources, LLC resulting from or incidental to the merger.
5. The merger effected hereby shall be effective upon the filing of this Certificate of Merger in the office of the Secretary of State of the State of Delaware.
6. The Merger Agreement is on file in the principal business office of the surviving entity, Slate River Resources, LLC, which is located at 1600 Broadway, Suite 900, Denver, Colorado 80202.
7. The Merger Agreement will be furnished by Slate River Resources, LLC, or its authorized representative, free of cost, to any member of, or any person holding an interest in, any entity to be merged pursuant hereto.

IN WITNESS WHEREOF, Slate River Resources, LLC, the surviving entity, has caused this Certificate of Merger to be executed by an authorized officer as of the date first written above.

SLATE RIVER RESOURCES, LLC

By:



Carter G. Mathies
Chief Executive Officer

**SLATE RIVER HOLDINGS, LLC
UNANIMOUS WRITTEN CONSENT OF
THE BOARD OF DIRECTORS
IN LIEU OF A SPECIAL MEETING**

The undersigned, being all of the Members of the Board of Directors of Slate River Holdings, LLC, a Delaware limited liability company (the "Company"), hereby adopt, by unanimous written consent, in accordance with the Delaware Limited Liability Company Act, the following resolutions with the same force and effect as if they had been adopted at a duly convened meeting of the Board:

WHEREAS, the Company previously acquired all of the outstanding equity and ownership interests in Crescendo Resources, LLC ("Crescendo Resources"); and

WHEREAS, thereafter, the Company consolidated all of the wholly-owned subsidiaries of Crescendo Resources, namely, Crescendo Energy, LLC ("Crescendo Energy") and Entrada Energy Ventures, LLC ("Entrada") (collectively, Crescendo Resources, Crescendo Energy and Entrada are referred to herein as the ("Crescendo Entities") into Crescendo Energy; and

WHEREAS, the material assets and operations of all of the Crescendo Entities are held by Crescendo Energy; and

WHEREAS, Slate River Resources, LLC ("Slate River Resources"), a wholly-owned subsidiary of the Company, is intended to be the operating entity for all of the Company's business activities; and

WHEREAS, the Company has determined that it is in the Company's best interest to operate all of its business activities as a single entity and therefore to merge Crescendo Energy into Slate River Resources, with Slate River Resources being the surviving entity.

NOW, THEREFORE, BE IT:

RESOLVED, that the Company hereby is authorized to direct its legal counsel to effectuate the merger of the Crescendo Energy into Slate River Resources, with Slate River Resources as the surviving entity, to be effective on October 31, 2005; and be it further

RESOLVED, that the Company, and any Authorized Officer (as defined below) on behalf of the Company, hereby is authorized to undertake and perform all other acts, transactions or agreements that are necessary, appropriate, desirable or contemplated by the foregoing Resolutions; and be it further

RESOLVED, that all of the acts, transactions, or agreements taken in connection with the foregoing Resolutions hereby are ratified and approved in all respects, and the chief executive officer, chief operating officer, chief financial officer, president, vice president and secretary of the Company, as applicable, (collectively, the "*Authorized Officers*" and each individually, an "*Authorized Officer*") hereby are severally authorized and directed, in the name and on behalf of the Company to negotiate, execute and deliver such instruments, documents, agreements and writings of every kind and character, together with such changes, modifications, additions and deletions as to any or all of the terms and provisions thereof as the Authorized Officer executing such instruments, documents, agreements and

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS
IN LIEU OF A SPECIAL MEETING
(SLATE RIVER HOLDINGS, LLC)

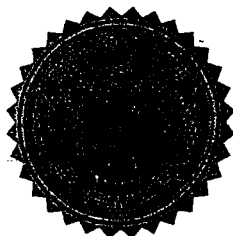
Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "SLATE RIVER RESOURCES, LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF JANUARY, A.D. 2005, AT 9:34 O'CLOCK P.M.

ELM-11-050
2006 NOV -7 AM 9:50



3919255 8100

050074460

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3651875

DATE: 01-31-05

writings shall deem proper (such execution by such Authorized Officer to be conclusive evidence that such Authorized Officer deems all of the terms and provisions thereof to be proper), and to make such attestations to any signatures of officers of the Company, and to do and perform or cause to be done and performed all such other acts as each Authorized Officer shall from time to time deem necessary, advisable or appropriate in order to consummate the acts, transactions, or agreements contemplated by or described in the foregoing Resolutions; and be it further

RESOLVED, that the Authorized Officers hereby are severally authorized to execute on behalf of the Company from time to time, amendments or supplements to any of the documents related to or contemplated by the foregoing Resolutions as the Authorized Officer or Authorized Officers executing and delivering the same may in his, her, or their sole and absolute discretion deem appropriate to carry out the purpose and intent of the foregoing Resolutions (such execution by such Authorized Officer or Authorized Officers to be conclusive evidence that such Authorized Officer or Authorized Officers deems all of the terms and provisions thereof to be proper); and be it further

RESOLVED, that all acts, transactions, or agreements undertaken prior to the adoption of these Resolutions by any of the officers or representatives of the Company in connection with the foregoing matters hereby are ratified, confirmed and adopted by the Board; and be it further

RESOLVED, that any Authorized Officer hereby is authorized and directed to certify these Resolutions; and be it further

RESOLVED, that the Authorized Officers (together with such other officers and employees of the Company under their supervision as any of them shall direct) hereby are severally authorized and directed in the name and on behalf of the Company to do or cause to be done any and all further acts and things that they may from time to time deem necessary, advisable or appropriate to carry out the purpose and intent of the foregoing Resolutions.

[Remainder of Page Intentionally Left Blank]

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS
IN LIEU OF A SPECIAL MEETING
(SLATE RIVER HOLDINGS, LLC)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

5/15/2008

FROM: (Old Operator):

N2725-Slate River Resources, LLC
 1600 Broadway, Suite 900
 Denver, CO 80202

Phone: 1 (303) 592-4448

TO: (New Operator):

N3505-Augustus Energy Partners, LLC
 2016 Grand Ave, Suite A
 Billings MT 59012

Phone: 1 (406) 294-5990

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/23/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/23/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/4/2008
- a. Is the new operator registered in the State of Utah: Business Number: 7012268-0161
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: In Process
- c. Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/29/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/29/2008
- Bond information entered in RBDMS on: 5/29/2008
- Fee/State wells attached to bond in RBDMS on: 5/29/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: _____

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB00317
 - Indian well(s) covered by Bond Number: n/a
 - a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0011628
 - b. The **FORMER** operator has requested a release of liability from their bond on: not yet
- The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached list
2. NAME OF OPERATOR: Augustus Energy Partners, LLC N3505		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2016 Grand Avenue, Ste A CITY Billings STATE MT ZIP 59012		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (406) 294-5990		8. WELL NAME and NUMBER:
4. LOCATION OF WELL		9. API NUMBER:
FOOTAGES AT SURFACE:		10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 12:01 a.m. May 15, 2008 the Operator of this well will change from:

Slate River Resources, LLC
1600 Broadway, Suite 900
Denver, CO 80202
303-592-4448

N2725

TO: Augustus Energy Partners, LLC
2016 Grand Avenue, Suite A
Billings, MT 59102

BLM Bond # UTB00317 effective 5/13/08

STATE BOND = RLB 0011638

Seller: Slate River Resources LLC
Gary D. Davis, President/CEO

Signature: _____



NAME (PLEASE PRINT) Steven D. Durrett

TITLE President

SIGNATURE _____



DATE 5/15/2008

(This space for State use only)

APPROVED 5/15/08

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

API Well Number	Well Name	Qtr/Qtr	Section	Township-Range
43-019-11089	FEDERAL GILBERT 1	SWNE	11	16S-25E
43-019-11090	SAN ARROYO U 35	SESW	24	16S-25E
43-019-15884	FEDERAL 174 1	SESW	11	16S-25E
43-019-15885	SAN ARROYO 2	SENW	22	16S-25E
43-019-15886	SAN ARROYO 3	SENW	23	16S-25E
43-019-15887	SAN ARROYO 4	SESW	30	16S-26E
43-019-15888	SAN ARROYO 5	NWSE	25	16S-25E
43-019-15889	SAN ARROYO 6	SWNE	21	16S-25E
43-019-15890	SAN ARROYO 8	SWSW	16	16S-25E
43-019-15891	SAN ARROYO 9	NWNE	27	16S-25E
43-019-15892	SAN ARROYO 11	NESW	15	16S-25E
43-019-15893	SAN ARROYO 12	SWSW	23	16S-25E
43-019-15894	SAN ARROYO 13	C-SW	22	16S-25E
43-019-15896	SAN ARROYO 16	SESW	26	16S-25E
43-019-15897	SAN ARROYO 17	NENE	24	16S-25E
43-019-15898	SAN ARROYO 18	NWNW	30	16S-26E
43-019-15899	SAN ARROYO 19	SWSE	14	16S-25E
43-019-15900	SAN ARROYO 20	SENE	26	16S-25E
43-019-15901	SAN ARROYO 21	NWSE	25	16S-25E
43-019-15902	SAN ARROYO 22	NENE	15	16S-25E
43-019-15903	SAN ARROYO 24	SENW	19	16S-26E
43-019-15904	SAN ARROYO 25	SWNE	21	16S-25E
43-019-15905	SAN ARROYO 26	SWSW	20	16S-26E
43-019-15906	SAN ARROYO 27	NESW	29	16S-26E
43-019-15907	SAN ARROYO 28	NWNE	29	16S-26E
43-019-15908	SAN ARROYO 29	NENE	22	16S-25E
43-019-15909	SAN ARROYO 30	NWSW	21	16S-26E
43-019-16532	SAN ARROYO 1	SENW	26	16S-25E
43-019-30047	BITTER CREEK 1	SWSE	2	16S-25E
43-019-30240	ARCO-STATE 2-1	NESE	2	16S-24E
43-019-30241	ARCO-STATE 2-2	NWNW	2	16S-24E
43-019-30527	SAN ARROYO 31	NWNW	22	16S-25E
43-019-30528	SAN ARROYO 32	SWSW	14	16S-25E
43-019-30570	ARCO 27-1	NWSW	27	16S-25E
43-019-30608	SAN ARROYO 33	SWSW	25	16S-25E
43-019-31162	ARCO STATE 36-7	SWSE	36	15.5S-24E
43-019-31192	ARCO STATE 36-8	SWSW	36	15.5S-24E
43-019-31250	SAN ARROYO U 40	NWNE	27	16S-25E
43-019-31251	SAN ARROYO U 36-A	SESE	19	16S-26E
43-019-31252	SAN ARROYO U 37	SWNE	20	16S-26E
43-019-31253	SAN ARROYO U 38	SWNE	16	16S-25E
43-019-31289	SAN ARROYO U 41	NENE	36	16S-25E
43-019-31290	SAN ARROYO U 42	NESE	30	16S-26E
43-019-31291	SAN ARROYO U 43	NESE	29	16S-26E
43-019-31299	SAN ARROYO 45	NWSE	20	16S-26E
43-019-31301	SAN ARROYO 44	SENE	30	16S-26E
43-019-31316	SAN ARROYO 49	NENW	29	16S-26E
43-019-31318	FEDERAL 47	NWNE	31	16S-26E
43-047-30765	BLACK HORSE CANYON FED 31-1	NWSW	31	15S-24E

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

11/11/2013

FROM: (Old Operator): N3505-Augustus Energy Partners, LLC 2016 Garnd Ave, Suite A Billings, MT 59102 Phone: 1 (406) 294-5990	TO: (New Operator): N4035-Southwestern Energy Ventures Company, LLC PO Box 1056 Bayfield, CO 81122 Phone: 1 (970) 884-4869
---	--

CA No.

Unit:

San Arroyo

WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List						

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/22/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/22/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/27/2013
- a. Is the new operator registered in the State of Utah: _____ Business Number: 8812939-0161
- 5a. (R649-9-2) Waste Management Plan has been received on: N/A
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 11/27/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):** N/A
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 12/1/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/1/2013
- Bond information entered in RBDMS on: 12/1/2013
- Fee/State wells attached to bond in RBDMS on: 12/1/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: RLB0015347
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0015348
- b. The **FORMER** operator has requested a release of liability from their bond on: 11/22/2013

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035)
Effective 11/11/2013
San Arroyo Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	GW	P
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	GW	S
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	GW	P
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	GW	P
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	GW	S
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	GW	S
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	GW	P
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	GW	P
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	GW	S
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	GW	P
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	GW	P
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	GW	P
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	GW	P
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	GW	P
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	GW	P
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	GW	P
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	GW	P
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	GW	P
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	GW	P
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	GW	P
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	GW	P
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	GW	P
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	GW	P
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	GW	P
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	GW	P
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	GW	S
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	GW	S
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	GW	S
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	GW	P
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	GW	P
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	GW	P
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	GW	P
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	GW	P
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	GW	P
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	GW	S
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	GW	P
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	GW	S
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	GW	P
FEDERAL 47	31	160S	260E	4301931318	500	Federal	GW	P
SAN ARROYO 1625-22O	22	160S	250E	4301931580	505	Federal	GW	S

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW

216 SIXTEENTH STREET, SUITE 1100
DENVER, COLORADO 80202-5115
TELEPHONE (303) 407-4499
FACSIMILE (303) 407-4494
www.bwenergylaw.com

JENNIFER STOLDT

PHONE: (303) 407-4499
E-MAIL: JSTOLDT@BWENERGYLAW.COM

CASPER

CHEYENNE

DENVER

SALT LAKE CITY

SANTA FE

November 21, 2013

VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining
Attn: Rachel Medina
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RECEIVED
NOV 22 2013
DIV. OF OIL, GAS & MINING

Re: Sundry Notices and Reports on Wells – Change of Operator (Form 9)
Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.



Jennifer Stoldt

Enclosures
00292177.DOCX

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Augustus Energy Partners, LLC N3505		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2016 Grand Ave. Ste A CITY Billings STATE MT ZIP 59102		7. UNIT or CA AGREEMENT NAME: See Attached List
PHONE NUMBER: (406) 294-5990		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		9. API NUMBER: See Attach
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT: See Attached List
COUNTY: See Attached List		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: Change of Operator Effective 11/11/13
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Southwestern Energy Ventures Company, LLC will become operator of the wells per the attached list effective 11/11/2013.
Attn: Ezra Lee
P. O. Box 1056
Bayfield, CO 81122
970-884-4869
ezra@crossfire-llc.com

Bond Coverage for operations conducted on these wells is being provided by Southwestern Energy Ventures Company, LLC in the form of a \$ 120,000 statewide Bond.

Utah State bond number LB0015348 Surety number (Letter of credit) _____

BLM Bond Number LB0015347

NAME (PLEASE PRINT) Ezra Lee TITLE Manager

SIGNATURE [Signature] DATE 11-13-13

NAME (PLEASE PRINT) Duane Zimmerman TITLE VP Operations

SIGNATURE [Signature] DATE 11/11/13

(This space for State use only)

APPROVED

DEC 01 2013

(5/2000)

DIV. OIL GAS & MINING

BY: Rachael Medina

* San Arroyo U40
not moved b/c its
a P+ A Federal well.
(See Instructions on Reverse Side)

	Current Operator	API Well Number	Well Name	Lease #	Unit #	CA #	Entity #	Qtr/Qtr	Sec	Twnshp-Rng
1	AUGUSTUS ENERGY PARTNERS LLC	43-019-11090-00-00	SAN ARROYO U 35	891003589A	UTU63022X		500	SESW	24	16S-25E
2	AUGUSTUS ENERGY PARTNERS LLC	43-019-15885-00-00	SAN ARROYO 2	891003598B	UTU63022X		505	SENW	22	16S-25E
3	AUGUSTUS ENERGY PARTNERS LLC	43-019-15886-00-00	SAN ARROYO 3	891003589A	UTU63022X		500	SENW	23	16S-25E
4	AUGUSTUS ENERGY PARTNERS LLC	43-019-15887-00-00	SAN ARROYO 4	891003589A	UTU63022X		500	SESW	30	16S-26E
5	AUGUSTUS ENERGY PARTNERS LLC	43-019-15888-00-00	SAN ARROYO 5	891003598B	UTU63022X		505	NWSE	25	16S-25E
6	AUGUSTUS ENERGY PARTNERS LLC	43-019-15889-00-00	SAN ARROYO 6	891003598B	UTU63022X		505	SWNE	21	16S-25E
7	AUGUSTUS ENERGY PARTNERS LLC	43-019-15890-00-00	SAN ARROYO 8	891003589A	UTU63022X		500	SWSW	16	16S-25E
8	AUGUSTUS ENERGY PARTNERS LLC	43-019-15891-00-00	SAN ARROYO 9	891003589A	UTU63022X		500	NWNE	27	16S-25E
9	AUGUSTUS ENERGY PARTNERS LLC	43-019-15892-00-00	SAN ARROYO 11	891003589A	UTU63022X		500	NESW	15	16S-25E
10	AUGUSTUS ENERGY PARTNERS LLC	43-019-15893-00-00	SAN ARROYO 12	891003589A	UTU63022X		500	SWSW	23	16S-25E
11	AUGUSTUS ENERGY PARTNERS LLC	43-019-15894-00-00	SAN ARROYO 13	891003589A	UTU63022X		500	C-SW	22	16S-25E
12	AUGUSTUS ENERGY PARTNERS LLC	43-019-15896-00-00	SAN ARROYO 16	891003589A	UTU63022X		500	SESW	26	16S-25E
13	AUGUSTUS ENERGY PARTNERS LLC	43-019-15897-00-00	SAN ARROYO 17	891003589A	UTU63022X		500	NENE	24	16S-25E
14	AUGUSTUS ENERGY PARTNERS LLC	43-019-15898-00-00	SAN ARROYO 18	891003589A	UTU63022X		500	NWNW	30	16S-26E
15	AUGUSTUS ENERGY PARTNERS LLC	43-019-15899-00-00	SAN ARROYO 19	891003589A	UTU63022X		500	SWSE	14	16S-25E
16	AUGUSTUS ENERGY PARTNERS LLC	43-019-15900-00-00	SAN ARROYO 20	891003589A	UTU63022X		500	SENE	26	16S-25E
17	AUGUSTUS ENERGY PARTNERS LLC	43-019-15901-00-00	SAN ARROYO 21	891003589A	UTU63022X		500	NWSE	25	16S-25E
18	AUGUSTUS ENERGY PARTNERS LLC	43-019-15902-00-00	SAN ARROYO 22	891003589A	UTU63022X		500	NENE	15	16S-25E
19	AUGUSTUS ENERGY PARTNERS LLC	43-019-15903-00-00	SAN ARROYO 24	891003589A	UTU63022X		500	SENW	19	16S-26E
20	AUGUSTUS ENERGY PARTNERS LLC	43-019-15904-00-00	SAN ARROYO 25	891003589A	UTU63022X		500	SWNE	21	16S-25E
21	AUGUSTUS ENERGY PARTNERS LLC	43-019-15905-00-00	SAN ARROYO 26	891003589A	UTU63022X		500	SWSW	20	16S-26E
22	AUGUSTUS ENERGY PARTNERS LLC	43-019-15906-00-00	SAN ARROYO 27	891003589A	UTU63022X		500	NESW	29	16S-26E
23	AUGUSTUS ENERGY PARTNERS LLC	43-019-15907-00-00	SAN ARROYO 28	891003589A	UTU63022X		500	NWNE	29	16S-26E
24	AUGUSTUS ENERGY PARTNERS LLC	43-019-15908-00-00	SAN ARROYO 29	891003589A	UTU63022X		500	NENE	22	16S-25E
25	AUGUSTUS ENERGY PARTNERS LLC	43-019-15909-00-00	SAN ARROYO 30	891003589A	UTU63022X		500	NWSW	21	16S-26E
26	AUGUSTUS ENERGY PARTNERS LLC	43-019-16532-00-00	SAN ARROYO 1	891003598B	UTU63022X		505	SENW	26	16S-25E
27	AUGUSTUS ENERGY PARTNERS LLC	43-019-30527-00-00	SAN ARROYO 31	891003589A	UTU63022X		500	NWNW	22	16S-25E
28	AUGUSTUS ENERGY PARTNERS LLC	43-019-30528-00-00	SAN ARROYO 32	891003589A	UTU63022X		500	SWSW	14	16S-25E
29	AUGUSTUS ENERGY PARTNERS LLC	43-019-30608-00-00	SAN ARROYO 33	891003589A	UTU63022X		500	SWSW	25	16S-25E
30	AUGUSTUS ENERGY PARTNERS LLC	43-019-31251-00-00	SAN ARROYO U 36-A	891003589A	UTU63022X		500	SESE	19	16S-26E
31	AUGUSTUS ENERGY PARTNERS LLC	43-019-31252-00-00	SAN ARROYO U 37	891003589A	UTU63022X		500	SWNE	20	16S-26E
32	AUGUSTUS ENERGY PARTNERS LLC	43-019-31253-00-00	SAN ARROYO U 38	891003589A	UTU63022X		500	SWNE	16	16S-25E
33	AUGUSTUS ENERGY PARTNERS LLC	43-019-31289-00-00	SAN ARROYO U 41	891003589A	UTU63022X		500	NENE	36	16S-25E
34	AUGUSTUS ENERGY PARTNERS LLC	43-019-31290-00-00	SAN ARROYO U 42	891003589A	UTU63022X		500	NESE	30	16S-26E
35	AUGUSTUS ENERGY PARTNERS LLC	43-019-31291-00-00	SAN ARROYO U 43	891003589A	UTU63022X		500	NESE	29	16S-26E
36	AUGUSTUS ENERGY PARTNERS LLC	43-019-31299-00-00	SAN ARROYO 45	891003589A	UTU63022X		500	NWSE	20	16S-26E
37	AUGUSTUS ENERGY PARTNERS LLC	43-019-31301-00-00	SAN ARROYO 44	891003589A	UTU63022X		500	SENE	30	16S-26E
38	AUGUSTUS ENERGY PARTNERS LLC	43-019-31316-00-00	SAN ARROYO 49	891003589A	UTU63022X		500	NENW	29	16S-26E
39	AUGUSTUS ENERGY PARTNERS LLC	43-019-31580-00-00	SAN ARROYO 1625-220	891003598B	UTU63022X		505	SWSE	22	16S-25E
40	AUGUSTUS ENERGY PARTNERS LLC	43-019-31250-00-00	SAN ARROYO U 40	891003598B	UTU63022X		505	NWNE	27	16S-25E
41	AUGUSTUS ENERGY PARTNERS LLC	43-019-31318-00-00	FEDERAL 47	891003589A	UTU63022X		500	NWNE	31	16S-26E
44	AUGUSTUS ENERGY PARTNERS LLC	43-019-15884-00-00	FEDERAL 174 1	UTU126528		NW115	8340	SESW	11	16S-25E
42	AUGUSTUS ENERGY PARTNERS LLC	43-047-30765-00-00	BLACK HORSE CANYON FED 31-1	UTU14234			8345	NWSW	31	15S-24E
43	AUGUSTUS ENERGY PARTNERS LLC	43-019-11089-00-00	FEDERAL GILBERT 1	UTU0125628			8341	SWNE	11	16S-25E

	Current Operator	API Well Number	Well Name	Lease #	Unit #	CA #	Entity #	Qtr/Qtr	Sec	Twnsbp-Rng
45	AUGUSTUS ENERGY PARTNERS LLC	43-019-30570-00-00	ARCO 27-1	UTU29645			11595	NWSW	27	16S-25E
46	AUGUSTUS ENERGY PARTNERS LLC	43-019-30047-00-00	BITTER CREEK 1				515	SWSE	2	16S-25E
47	AUGUSTUS ENERGY PARTNERS LLC	43-019-30240-00-00	ARCO-STATE 2-1				520	NESE	2	16S-24E
48	AUGUSTUS ENERGY PARTNERS LLC	43-019-30241-00-00	ARCO-STATE 2-2				520	NWNW	2	16S-24E
49	AUGUSTUS ENERGY PARTNERS LLC	43-019-31162-00-00	ARCO STATE 36-7				9710	SWSE	36	15.5S-24E
50	AUGUSTUS ENERGY PARTNERS LLC	43-019-31192-00-00	ARCO STATE 36-8				9710	SWSW	36	15.5S-24E

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 11/1/2014

FORMER OPERATOR:	NEW OPERATOR:
Southwestern Energy Ventures Company, LLC N4035 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411	SWEVCO-SABW, LLC N4155 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411
CA Number(s):	San Arroyo

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014
2. Sundry or legal documentation was received from the **NEW** operator on: 10/21/2014
3. New operator Division of Corporations Business Number: 8820416-0161

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
3. Reports current for Production/Disposition & Sundries: 10/27/2014
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/27/2014
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: RLB0015753
2. Indian well(s) covered by Bond Number: RLB0015753
3. State/fee well(s) covered by Bond Number(s): RLB0015799

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 11/3/2014
2. Entity Number(s) updated in **OGIS** on: 11/3/2014
3. Unit(s) operator number update in **OGIS** on: 11/3/2014
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014
6. Surface Facilities update in **RBDMS** on: N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/3/2014

COMMENTS:

Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC
Effective November 1, 2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Tpye	Status	Unit
ARCO 27-1	27	160S	250E	4301930570	11595	Federal	Federal	GW	P	
BLACK HORSE CANYON FED 31-1	31	150S	240E	4304730765	8345	Federal	Federal	GW	P	
FEDERAL 174 1	11	160S	250E	4301915884	8340	Federal	Federal	GW	P	
FEDERAL GILBERT 1	11	160S	250E	4301911089	8341	Federal	Federal	GW	P	
ARCO STATE 36-7	36	155S	240E	4301931162	9710	State	State	GW	P	
ARCO-STATE 2-1	2	160S	240E	4301930240	520	State	State	GW	P	
ARCO-STATE 2-2	2	160S	240E	4301930241	520	State	State	GW	P	
BITTER CREEK 1	2	160S	250E	4301930047	515	State	State	GW	P	
BAR X UNIT 11	18	170S	260E	4301930592	19413	Federal	Federal	GW	S	
BAR X UNIT 25	12	170S	250E	4301931371	19414	Federal	Federal	GW	S	
BAR X UNIT 4	18	170S	260E	4301915023	19412	Federal	Federal	GW	S	
ARCO STATE 36-8	36	155S	240E	4301931192	9710	State	State	GW	S	
FEDERAL 47	31	160S	260E	4301931318	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 12	23	160S	250E	4301915893	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 13	22	160S	250E	4301915894	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 16	26	160S	250E	4301915896	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 17	24	160S	250E	4301915897	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 18	30	160S	260E	4301915898	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 19	14	160S	250E	4301915899	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 20	26	160S	250E	4301915900	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 21	25	160S	250E	4301915901	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 22	15	160S	250E	4301915902	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 24	19	160S	260E	4301915903	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 25	21	160S	250E	4301915904	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 26	20	160S	260E	4301915905	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 27	29	160S	260E	4301915906	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 28	29	160S	260E	4301915907	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 3	23	160S	250E	4301915886	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 30	21	160S	260E	4301915909	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 33	25	160S	250E	4301930608	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 4	30	160S	260E	4301915887	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 44	30	160S	260E	4301931301	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 45	20	160S	260E	4301931299	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 49	29	160S	260E	4301931316	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 9	27	160S	250E	4301915891	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 35	24	160S	250E	4301911090	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 36-A	19	160S	260E	4301931251	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 37	20	160S	260E	4301931252	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 42	30	160S	260E	4301931290	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO U 43	29	160S	260E	4301931291	500	Federal	Federal	GW	P	SAN ARROYO
SAN ARROYO 8	16	160S	250E	4301915890	500	Federal	State	GW	P	SAN ARROYO
SAN ARROYO U 38	16	160S	250E	4301931253	500	State	State	GW	P	SAN ARROYO
SAN ARROYO U 41	36	160S	250E	4301931289	500	State	Fee	GW	P	SAN ARROYO
SAN ARROYO 1	26	160S	250E	4301916532	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 11	15	160S	250E	4301915892	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 1625-220	22	160S	250E	4301931580	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 2	22	160S	250E	4301915885	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 29	22	160S	250E	4301915908	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 31	22	160S	250E	4301930527	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 32	14	160S	250E	4301930528	500	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 5	25	160S	250E	4301915888	505	Federal	Federal	GW	S	SAN ARROYO
SAN ARROYO 6	21	160S	250E	4301915889	505	Federal	Federal	GW	S	SAN ARROYO

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035

3. ADDRESS OF OPERATOR:
2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537 PHONE NUMBER: (970) 669-7411

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: See Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, transferring operations to new operator SWEVCO-SABW, LLC #N4155

NAME (PLEASE PRINT) Ezra Lee

TITLE President, Southwestern Energy Ventures Comp.

SIGNATURE

DATE

10-16-14

(This space for State use only)

APPROVED

NOV 03 2014

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000)

(See Instructions on Reverse Side)

RECEIVED

OCT 21 2014

DIV. OF OIL, GAS & MINING

UTAH																										
API Well Number	Well Name	Operator	Well Status	Well Type	WI	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL		FEL/FWL		Latitude	Longitude	Elev. GR	TD	Unit #	PUMPER
OPERATED																										
Outside the Unit		SWEVCO-SABW																								
43-019-30570	ARCO 27-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	W	39.3846	-109.14821	6740	5700		Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSE	36	15.5S-24E	540	S	1550	E	39.45341	-109.21341	8319	7945		Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSW	36	15.5S-24E	945	S	850	W	39.45468	-109.22361	7789	7490		Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NESE	2	16S-24E	2194	S	991	E	39.44346	-109.23015	8443	7600		Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NWNW	2	16S-24E	769	N	857	W	39.44995	-109.24212	7886	7250		Chris
43-019-30047	BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	State	State	ML-25151	GRAND	SWSE	2	16S-25E	395	S	2530	E	39.4387	-109.12413	7375	6658		Chris
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	BLACK HORSE CYN	Federal	Federal	U-14234	UINTAH	NWSW	31	15S-24E	1820	S	500	W	39.46736	-109.28001	8262	7910		Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SESW	11	16S-25E	1285	S	2090	W	39.42669	-109.1264	6577	5299		Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SWNE	11	16S-25E	1700	N	1830	E	39.4329	-109.12144	7001	6200		Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E	39.33379	-109.07281	5146	3599		Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200	3466		Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E	39.33965	-109.09684	5273	3742		Chris
San Arroyo Unit																										Chris
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033	5065		Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	NESW	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524	6367		Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SWSW	23	16S-25E	1140	S	1220	W	39.39734	-109.12949	6507	4731		Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	C-SW	22	16S-25E	1320	S	1320	W	39.39783	-109.14783	7592	6260		Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	26	16S-25E	1125	S	1790	W	39.38276	-109.12746	5922	4884		Chris
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND	NENE	24	16S-25E	660	N	940	E	39.40676	-109.09956	5983	5003		Chris
43-019-15898	SAN ARROYO 18	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778	4128		Chris
43-019-15899	SAN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSE	14	16S-25E	820	S	1610	E	39.41086	-109.12089	6305	5200		Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SENW	22	16S-25E	2420	N	2430	W	39.40199	-109.14379	7752	6826		Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE	26	16S-25E	1360	N	170	E	39.39025	-109.11553	6855	5457		Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878	4299		Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND	NENE	15	16S-25E	1210	N	990	E	39.41968	-109.13711	6480	5500		Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND	SENW	19	16S-26E	2450	N	1495	W	39.40194	-109.09106	6023	4815		Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND	SWNE	21	16S-25E	1520	N	1805	E	39.40437	-109.15872	7599	5894		Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800	4800		Chris
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESW	29	16S-26E	1990	S	2100	W	39.3851	-109.07027	5584			Chris
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	NWNE	29	16S-26E	660	N	1980	E	39.39225	-109.06591	5690	4260		Chris
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	NENE	22	16S-25E	1300	N	195	E	39.40492	-109.13429	6849	5200		Chris
43-019-15886	SAN ARROYO 3	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	SENW	23	16S-25E	1425	N	1450	W	39.40481	-109.12847	6474	5460		Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSW	21	16S-26E	2600	S	900	W	39.40124	-109.05587	5481	4293		Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW	22	16S-25E	1111	N	913	W	39.40567	-109.14907	7742	6071		Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-																			

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
2. NAME OF OPERATOR: SWEVCO-SABW, LLC Operator #N4155		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537		7. UNIT or CA AGREEMENT NAME: See Attached
PHONE NUMBER: (970) 669-7411		8. WELL NAME and NUMBER: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		10. FIELD AND POOL, OR WILDCAT:
COUNTY: See Attached		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached list of wells, taking over as operator from Southwestern Energy Ventures Company, LLC #N4035

Effective date: November 1, 2014
BLM Bond: RLB 0015753
State Bond: RLB 0015799

NAME (PLEASE PRINT) Kellie Diffendaffer	TITLE Accounting Manager
SIGNATURE <i>Kellie Diffendaffer</i>	DATE 10/14/14

(This space for State use only)

RECEIVED

OCT 21 2014

APPROVED

NOV 03 2014

(5/2000)

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

DIV. OIL GAS & MINING
BY: *Rachel Medina*

UTAH																									
API Well Number	Well Name	Operator	Well Status	Well Type	WI	NRI	RI	OR	Field Name/Unit #	Surface Ownership	Mineral Lease	Lease Number	County	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude	Elev. GR	TD	Unit #	PUMPER	
OPERATED																									
Outside the Unit		SWEVCO-SABW																							
43-019-30570	ARCO 27-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	Federal	Federal	U-29645	GRAND	NWSW	27	16S-25E	1787	S	1200	W	39.3846	-109.14821	6740	5700	Chris
43-019-31162	ARCO STATE 36-7	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSE	36	15.5S-24E	540	S	1550	E	39.45341	-109.21341	8319	7945	Chris
43-019-31192	ARCO STATE 36-8	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	SWSW	36	15.5S-24E	945	S	850	W	39.45468	-109.22361	7789	7490	Chris
43-019-30240	ARCO STATE 2-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NESE	2	16S-24E	2194	S	991	E	39.44346	-109.23015	8443	7600	Chris
43-019-30241	ARCO STATE 2-2	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	EAST CANYON	State	State	ML-22208	GRAND	NWNW	2	16S-24E	769	N	857	W	39.44995	-109.24212	7886	7250	Chris
43-019-30047	BITTER CREEK 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.87500000	-	-	SAN ARROYO	State	State	ML-25151	GRAND	SWSE	2	16S-25E	395	S	2530	E	39.4387	-109.12413	7375	6658	Chris
43-047-30765	BLACK HORSE CANYON FED 31-1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	BLACK HORSE CYN	Federal	Federal	U-14234	UINTAH	NWSW	31	15S-24E	1820	S	500	W	39.46736	-109.28001	8262	7910	Chris
43-019-15884	FEDERAL 174 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84875000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SESW	11	16S-25E	1285	S	2090	W	39.42669	-109.1264	6577	5299	Chris
43-019-11089	FEDERAL GILBERT 1	SWEVCO-SABW	Producing	Gas Well	1.0000000	0.84500000	-	-	SAN ARROYO	Federal	Federal	U-0126528	GRAND	SWNE	11	16S-25E	1700	N	1830	E	39.4329	-109.12144	7001	6200	Chris
43-019-15023	BAR X UNIT 4	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NENE	18	17S-26E	660	N	660	E	39.33379	-109.07281	5146	3599	Chris
43-019-30592	BAR X UNIT 11	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064807	GRAND	NWNW	18	17S-26E	1319	N	1285	W	39.33203	-109.08486	5200	3466	Chris
43-019-31371	BAR X UNIT 25	SWEVCO-SABW	Producing	Gas Well					BAR X	Federal	Federal	UTSL064806	GRAND	NWSE	12	17S-25E	1384	S	2165	E	39.33965	-109.09684	5273	3742	Chris
San Arroyo Unit																								Chris	
43-019-16532	SAN ARROYO 1	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENW	26	16S-25E	1712	N	2566	W	39.38943	-109.12453	6033	5065	Chris
43-019-15892	SAN ARROYO 11	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05059C	GRAND	NESW	15	16S-25E	1760	S	1990	W	39.41349	-109.14544	7524	6367	Chris
43-019-15893	SAN ARROYO 12	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SWSW	23	16S-25E	1140	S	1220	W	39.39734	-109.12949	6507	4731	Chris
43-019-15894	SAN ARROYO 13	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	C-SW	22	16S-25E	1320	S	1320	W	39.39783	-109.14783	7592	6260	Chris
43-019-15896	SAN ARROYO 16	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	SESW	26	16S-25E	1125	S	1790	W	39.38276	-109.12746	5922	4884	Chris
43-019-15897	SAN ARROYO 17	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25243	GRAND	NENE	24	16S-25E	660	N	940	E	39.40676	-109.09556	5983	5003	Chris
43-019-15898	SAN ARROYO 18	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06023	GRAND	NWNW	30	16S-26E	660	N	990	W	39.39241	-109.09272	5778	4128	Chris
43-019-15899	SAN ARROYO 19	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSE	14	16S-25E	820	S	1610	E	39.41086	-109.12089	6305	5200	Chris
43-019-15885	SAN ARROYO 2	SWEVCO-SABW	Shut-In	Gas Well	1.0000000	0.82500000	-	0.00027708	SAN ARROYO	Federal	Federal	U-0370A	GRAND	SENW	22	16S-25E	2420	N	2430	W	39.40199	-109.14379	7752	6826	Chris
43-019-15900	SAN ARROYO 20	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-071307	GRAND	SENE	26	16S-25E	1360	N	170	E	39.39025	-109.11553	6855	5457	Chris
43-019-15901	SAN ARROYO 21	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0369	GRAND	NWSE	25	16S-25E	2066	S	2340	E	39.3853	-109.1047	5878	4299	Chris
43-019-15902	SAN ARROYO 22	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011A	GRAND	NENE	15	16S-25E	1210	N	990	E	39.41968	-109.13711	6480	5500	Chris
43-019-15903	SAN ARROYO 24	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06188	GRAND	SENW	19	16S-26E	2450	N	1495	W	39.40194	-109.09106	6023	4815	Chris
43-019-15904	SAN ARROYO 25	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25244	GRAND	SWNE	21	16S-25E	1520	N	1805	E	39.40437	-109.15872	7599	5894	Chris
43-019-15905	SAN ARROYO 26	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-25297	GRAND	SWSW	20	16S-26E	660	S	660	W	39.39603	-109.07543	5800	4800	Chris
43-019-15906	SAN ARROYO 27	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-06021	GRAND	NESW	29	16S-26E	1990	S	2100	W	39.3851	-109.07027	5584		Chris
43-019-15907	SAN ARROYO 28	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-5650	GRAND	NWNE	29	16S-26E	660	N	1980	E	39.39225	-109.06591	5690	4260	Chris
43-019-15908	SAN ARROYO 29	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	NENE	22	16S-25E	1300	N	195	E	39.40492	-109.13429	6849	5200	Chris
43-019-15886	SAN ARROYO 3	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0307A	GRAND	SENW	23	16S-25E	1425	N	1450	W	39.40481	-109.12847	6474	5460	Chris
43-019-15909	SAN ARROYO 30	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05650	GRAND	NWSW	21	16S-26E	2600	S	900	W	39.40124	-109.05587	5481	4293	Chris
43-019-30527	SAN ARROYO 31	SWEVCO-SABW	Shut-In	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-0370A	GRAND	NWNW	22	16S-25E	1111	N	913	W	39.40567	-109.14907	7742	6071	Chris
43-019-30528	SAN ARROYO 32	SWEVCO-SABW	Producing	Gas Well	0.9717655	0.80116538	-	0.00252986	SAN ARROYO	Federal	Federal	U-05011B	GRAND	SWSW	14	16S-25E	678	S	370	W	39.41066	-109.13255			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																																												
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-31928																																												
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: TIN CUP MESA																																												
2. NAME OF OPERATOR: MAR/REG OIL COMPANY		8. WELL NAME and NUMBER: TIN CUP MESA 1-25																																												
3. ADDRESS OF OPERATOR: PO Box 18148 , Reno, NV, 89511		9. API NUMBER: 43037306900000																																												
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1950 FNL 0790 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 25 Township: 38.0S Range: 25.0E Meridian: S		9. FIELD and POOL or WILDCAT: TIN CUP MESA																																												
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: SAN JUAN																																												
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Request an extension to conduct remedial work. Request extension to April 30, 2015. Operator will monitor casing pressure weekly and file pressure report monthly.																																														
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>10/31/14</u></p> <p>By: <u>[Signature]</u></p> </div> <div style="width: 35%; text-align: right;"> <p>COPY SENT TO OPERATOR</p> <p>Date: <u>11.3.2014</u></p> <p>Initials: <u>KS</u></p> </div> </div>																																														
NAME (PLEASE PRINT) Tariq Ahmad		PHONE NUMBER 775 852-7444																																												
SIGNATURE N/A		TITLE Petroleum Engineer																																												
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